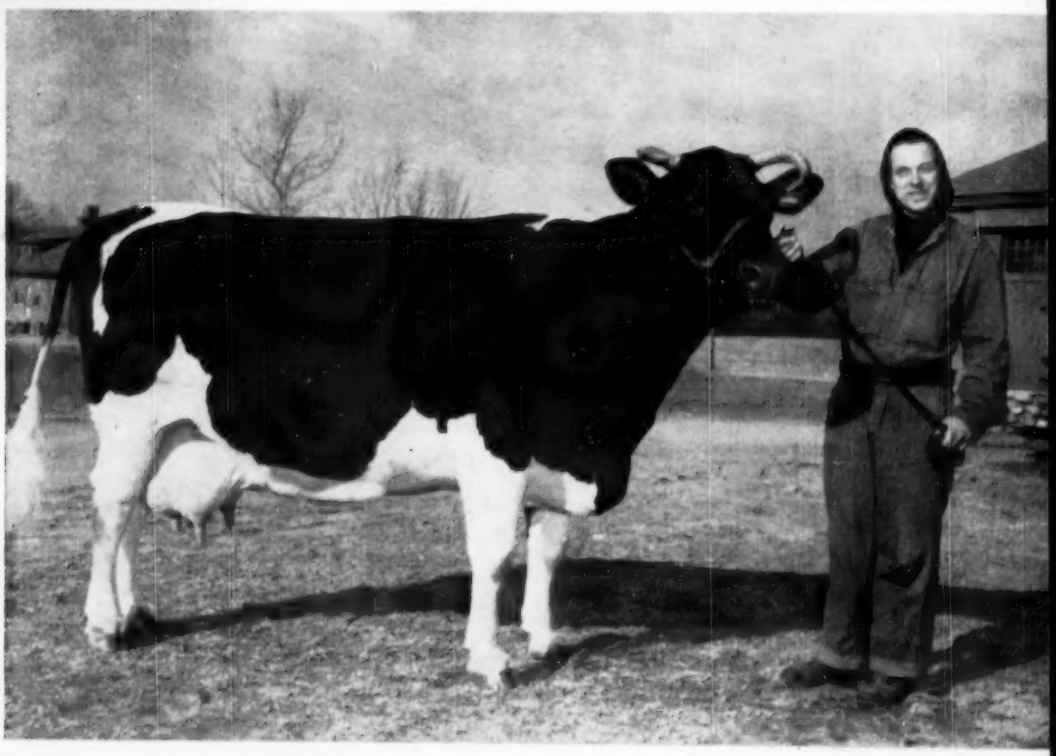
Holstein-Friesian World

UNIVERSITY MICROFILMS 1-51C
313 N. FIRST ST.
ANN ARBOR, MICH.

THE NEWSPAPER OF THE BREED

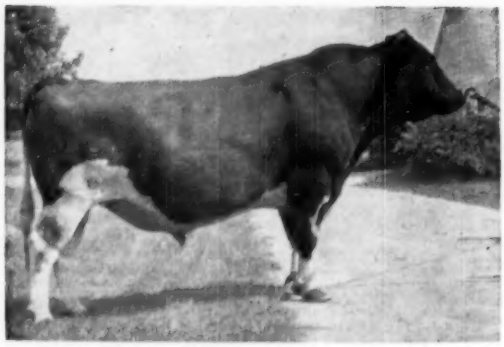
April 2, 1955



Dunloggin Mistress Ruth 2067265 (EX) - Woodmaster's Highest Lifetimer
with Brother Dominic of Broad Rock

IN THIS ISSUE . . . .

Breeding Better Dairy Cattle – Harmon
Our Great Lifetime Producers – Norton
How to Get and Use Credit – Higley



Kyland Cascade Burke
Now a Silver Medal Type Sire

Kyland Cascade Burke's 13 classified daughters average 82.5 points, all as 2-year-olds.

His official proof (305d - 2X - ME) is:

9 Dtrs. avg.	16,173	Milk	553	Fat
Increase	+2,129	Milk	+60	Fat

We offer baby sons of KYLAND CASCADE BURKE at this time — write for details.

A. R. and H. I. R. Testing • T. B. Accredited; Bangs Certified • Calfhood Vaccinate

KYLAND

Frank Case, Manager • Route 1, Oconomowoc, Wis.

The "*Royals*" Have What it Takes

— A ROYAL DAUGHTER —

OSBORNDALE ROYAL LADY ORMSBY 3429774
2-4 365 3X 18,399 4.4 813.1 AR
Pictured at the completion of this record. Her dam's record as a jr. 2-yr-old —
2-5 365 3X 17,142 4.3 739.5 AR

CLYDE HILL ROYAL

The result of a full brother and sister mating (both "Excellent"), his double grandsire is Rock River Hengerveld Al (Ex-GM) and his double granddam is the 225,233-lb. "Old Zuba" (Ex).

Here's what the ROYALS are doing:

1.	2-4	365	3X	18,399	4.4	812.1	AR
2.	2-7	365	3X	19,026	4.0	762.5	AR
3.	2-2	365	3X	21,097	3.5	730.8	AR
4.	2-6	365	3X	18,875	3.6	690.8	AR
5.	2-4	365	3X	16,875	3.8	651.3	AR

We are consigning an especially nice ROYAL daughter (bred to SIR BESS ORMSBY FOBES "Ex-GM") to the Bred Heifer Classic at Springfield, Mass. on April 29. Watch for a description of her in the April 16 WORLD.

OSBORNDALE — Derby, Conn.

Certified and Accredited

F. M. NICHOLS, Manager — Mrs. W. S. KELLOGG, Owner — HANS JENSEN, Herdsman

He's a Father now — So we introduce to you

IJON'S DAM—

QUALITY WINNER FOBES INKA 2763090
"Very Good""
3½y 365d 2X 17,302 m 3.7% 642.7 f

Our Junior Sire . . .

QUALITY FERNBROOK IJON

Born March 27, 1953

A son of Quality Fobes Walker Ijon (VG-SMP) who sold for $5000 and has a full sister with 906 fat 2X 3.7%. He in turn is by Wint. Fobes Great Viscount (VG-GM) from an "Excellent" dam with over 200,000 lbs. milk.

Fernbrook Ijon's dam, pictured in the home made snap shot at left, is by Wint. Winner Fobes Zouave who has other daughters to 842.9 fat 2X; and the second maternal dam is a daughter of Viscount, classified "VG" with 975 fat 4.1% 23,720 milk 2X at 8½ years.

Here is a full pedigree of exceptional merit containing both production and type.

Ijon's first calves have arrived—in fact we can offer right now an Ijon son from a daughter of our "Deacon" sire. Ask us for details on this calf that is most reasonably priced.

Fernbrook Farm

Certified — Accredited — Vaccinated

L. H. & C. H. SWENSON, Jr. — WAPPINGERS FALLS, NEW YORK

Holstein-Friesian World

The Newspaper of the Breed

VOL. 52 - NO. 7 APRIL 2, 1955

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April 16, May 7, 21, 1955

News and advertising forms close 19 days in advance of publication dates.

Telephone Sandy Creek, N. Y., 3301

THE COVER

Dunloggin Mistress Ruth, highest life-time producing daughter of famed Dunloggin Woodmaster, recently won new honors by placing first in the All-Breed Dairy Farmers Seminar Lifetime Production contest, conducted by University of Massachusetts. Her credits in nine lactations—223,958 lbs. milk, 7684 lbs. fat—totalled far ahead of the field of 95 contestants. The picture, showing her at 15 years of age, was taken recently at Broad Rock Farm, St. Joseph's Abbey, Spencer, Mass. Brother Dominic, farm manager at Broad Rock, is at the halter. Bert Henman is herd manager.

Ruth has likewise made a distinguished record as a brood cow.

NEWS of the TRADE

NEW STATE RECORDS

New York

With 811.7 lbs. fat as a 2X sr. 3-yr-old, Cashman Gracious Ella 3237385 is the New York State Butterfat Champion in the 365-day division. Ella is owned by Kenneth & Mary Bailey, Isis Farm, Brewster, N. Y., and her recently completed AR record at 3y 6m is 16,784 lbs. milk, 4.8%, 811.7 lbs. fat in 365 days 2X. This replaces the fat record established in 1953 by Cochran Sovereign May 3014258, at that time in the General Cochran Farm herd at Ft. Plain, who as a Sr. 3-yr-old 2X 365 days has 18,331 lbs. milk, 4.3%, 795.6 lbs. fat.

Ella is a daughter of Cashman Gracious Mister (SMP), the sire purchased for $9200 at the Cashman Dispersal in 1953 by the Lehigh Valley Cooperative Farms, Allentown, Pa. Her first record was made at Cashman Farms—at 2y 1m 365d 12,605 lbs. milk, 4.6%, 584.5 lbs. fat, 100 days on 3X, balance 2X. In the Cashman Dispersal she sold to Isis Farm for $600. A full sister sold in the June 1953 Earlville Sale for $1400, going to John G. Ellis, Lee, Mass., another full sister sold to C. H. & Ruth B. Davis, No. Franklin, Conn.

Pennsylvania

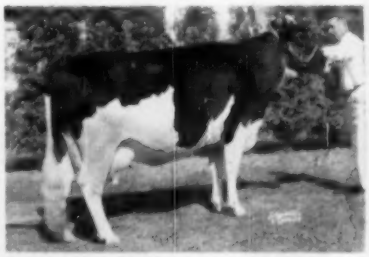
Zimmerman Piebe Star 3200845, National Butterfat Champion sr. 2-yr-old in the 3X yearly division, has come back as a jr. 4-yr-old with a 1000-lb. 3X record. Bred and owned by L. A. and J. A. Zimmerman, Lehighton, Pa., her most recent performance makes her the Pennsylvania State Champion in her class with 25,166 lbs. milk, 4.1%, 1031.2 lbs. fat in 365 days 3X at 4y 1m. Her National record at 2y 10m, 365d 3X is 23,972 lbs. milk, 3.9%, 926.2 lbs. fat—both records in AR and HIR.

ZIMMERMAN PIEBE STAR 3200845
Pennsylvania State Champion with—
4-1 365 3X 25,166 4.1 1031.2 AR
National Champion with—
2-10 365 3X 23,972 3.9 926.2 AR

Piebe is a daughter of Zimmerman Prince Star Royalist, one of the Zimmerman Dairy Farm herd sires who is proven at a high level. Piebe has a daughter now milking as a jr. 2-yr-old who has reached 90 lbs. a day.

DEEN CRYSTAL REPEATS

Harden Farms Deen Crystal 3061491 (EX) has come back again with another sensational record now officially reported. Calving at 7 years she made in 365 days AR 3X 32,376 lbs. milk, 3.4% 1098.2 lbs. fat. The previous year at 5 years 8 months she made 31,949 lbs. milk, 3.5% 1103.6 lbs. fat. She also made 22,958 lbs. milk, 3.6% 818.1 lbs. fat at 4 years 7 months in 329 days and was likewise on AR



HARDEN FARMS DEEN CRYSTAL (EX)
Her two consecutive records average over 1100 lbs. fat, 32,000 lbs. milk. Harden Farms, Camden, N. Y.

In This Issue . . .

Some Problems of Breeding Better Dairy Cattle, Harrison 19
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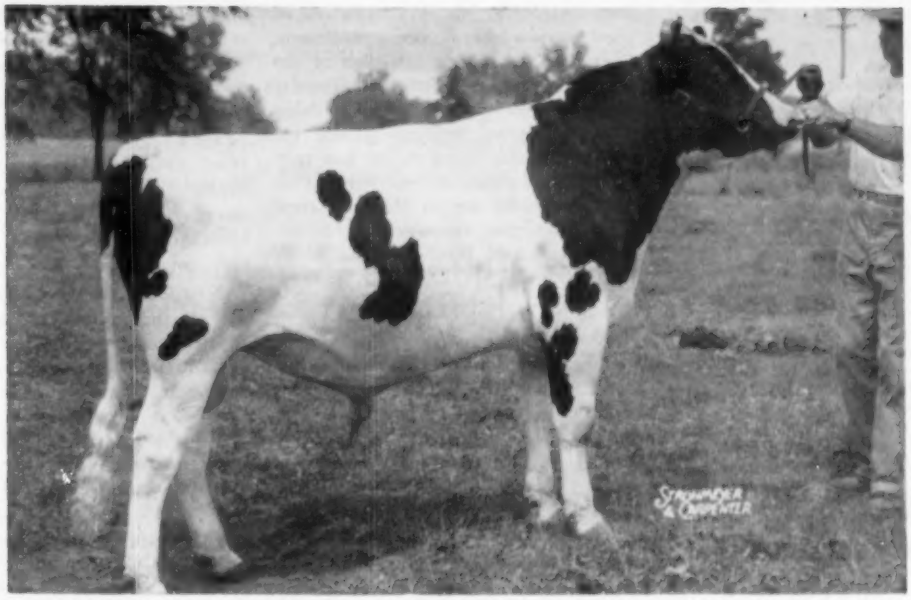
GREEN MEADOW PARAMOUNT



PARAMOUNT is by Constellation and out of Sunny Granton Korndyke Mercedes (VG) with 1061 fat, 31,405 milk. Her dam is "Very Good" and has 1008 fat and 28,770 milk. Paramount's three nearest dams average 30,027 milk and 1037 fat.

We have a lot of nice daughters of Paramount, the oldest of which are just now being bred to our Junior Herd Sire, Carnation Dynamo.

Here is a PARAMOUNT SON that should interest you . . .

Ear Tag 852. Born May 5, 1954. Marked a little more white than black, a real good individual. His 6 nearest tested dams average 860 lbs. fat.

Sire: GREEN MEADOW PARAMOUNT
Dam: GREEN MEADOW STELLA LOLA (VG) with —

3y	305d	2X	12,397 m	3.6%	446	f
3y	330d	2X	13,105 m	3.6%	474.5	f
5y	365d	2X	14,843 m	3.6%	536	f
6y	328d	2X	14,880 m	(inc.)	552	f

She is a daughter of Constellation (Gold Medal) out of a granddaughter of Montvic Monogram with — 3y 293d 2X 12,566 m 3.6% 455 f.

This calf is priced at only $300 and he is a real bargain at this price

Green Meadow Farms

Elsie, Michigan

"Where the Latch String Is Always Out"

Cows For Sale

1.

Alice born June 1951—sired by Yucca and fresh 3-6-55. Her 2-year-old record:

2-7	340d	11,025 m	4.0%	443.

2.

Cow born Oct. 1950—sired by General and bred July 3rd to Yucca.

2-3	305d	11,813	3.9%	455.8
	352d	12,706	4.0%	502.5
3-4	316d	11,668	4.4%	513.0

3.

Prudy born Oct. 1950—sired by Jim and bred July 5th to Yucca.

3-4	305d	11,349	3.7%	416.2

4.

Clarissa born Sept. 1951—sired by General and bred to Yucca on July 15th.

2-4	365d	10,359	4.1%	425

All the above records are actual 2X HIR. These cows are nice type with very good dairy character. Write today for prices and complete pedigrees. They are linebred Winterthur for many generations.

Lamaga Stock Farm

Lauran & Gailan Hartshorn

LEBANON, N. Y.

Certified · Accredited · Vaccinated

Have You Heard About the "Dukes"?

If you haven't heard about the daughters of Pabst Reburke Duke at Harden Farms we suggest that you stop and see the first ones fresh.

HARDEN FARMS DUKE MARK

is our son of "Duke" and Harden Farms Deen Crystal who is classified "Excellent" and has two records over 1100 lbs. fat. A full brother to Crystal is a Harden Farms herd sire.

Need We Say More?

LAWARA

LEWIS S. BELL

INTERLAKEN NEW YORK

test as a junior two-year-old with 15,940 lbs. milk, 3.5% 557.4 lbs. fat in 325 days. Thus her total for the four AR lactations of 365 days or less is 103,223 lbs. milk and 3577.3 lbs. fat.

Bred and owned at Harden Farms, Camden, N. Y. she is a daughter of their senior herd sire, Dunloggin Deen Var. In the classification of the herd last year Deen Crystal received a 93 score. Her youngest son by Pabst Reburke Duke, dropped at the beginning of this latest record was purchased by Lawara Farms, Interlaken, N. Y. An older son by Harden Farms King Lochinvar is owned by E. M. Potter and son, West Monroe, N. Y.

TWO NEW EXCELLENTS AT ROSAFE

Two daughters of the famous sire A.B.C. Reflection Sovereign have been classified as *Excellent at the Rosafe farm of Dr. Hector I. Astengo at Brampton, Ont. The two animals thus honored are A.B.C. Shamrock Harriet R. and A.B.C. Shamrock Pontiac.

Harriet was All-Canadian and All-American two-year-old in 1951, and All-Canadian three-year old in 1952, which year she was Reserve Grand Champion at the Royal Winter Fair. She was second in the Dry Aged Cow at the Royal last fall.

Pontiac was an Honor List leader for 1954, with her senior four year-old record of 24,176 lbs. milk containing 890 lbs. fat made in 365 days on three times-a-day milking, which was the largest in Canada in 1954.

A.B.C. Reflection Sovereign, the three times All-Canadian bull who sired both the All-Canadian and All-American Get of Sire last year now has six daughters classified as *Excellent in Selective Registration.

Upwey Farm, South Woodstock, Vermont, will be the new home of Woodstock Country School, following recent negotiations between the school officials and Anthony B. Farrell, Jr. who has been the owner of this famous 400-acre breeding establishment in recent years. Negotiations for the purchase by the school have been under way for some time and Mr. Farrell has already moved his Holstein activities to his Farrell Farms, Fairlea, Vermont, in the Connecticut River Valley.

In addition to its recent history as a Holstein breeding farm, Upwey has been the home of nationally-known herds of Jersey cattle, Suffolk sheep and Suffolk Punch horses. The buildings are of the finest construction and will be re-modeled for school use.

GREENWOOD SALES

Joe Canby, owner of Greenwood Farm, Langhorne, Pa., reports that he has sold a foundation group of cattle to Guido Di Tella, Buenos Aires, Argentina. Mr. Di Tella is the gentleman who made some recent purchases at the Curtiss Candy Dispersal and the Wolverine Invitational.

His purchases from Greenwood were 8 head from the "Della", the "Tanya", and the "Dunloggin Tidy Miss" families. Also included was a Skokie Great Ovation daughter that traced back to the old North Star Olive cow at Moscrip's.

JANUARY SET NEW RECORDS

Both the registration and transfer applications came in at a faster pace in January than was the case in that month in either 1954 or 1953. The figures on registry applications were 24,602 compared with 23,089 in the record-breaking 1954 year. For transfers the total was 11,163 comparing with 10,305 in January 1954. Membership applications totalled 132, which was down from 152 for that month in both of the two preceding years.

CARL HENRY BULL SALE

Mr. D. B. Black of Kutch, Colorado has recently purchased a promising young bull from Carl W. Henry of Greeley. The calf is sired by Valentine Posch Ormsby Fobes, the Henry junior herd sire. The dam is Valentine Countess Burke, a daughter of Valentine Hazelwood Belmont Burke, Mr. Henry's senior sire. She has just finished a junior 2-year-old record of over 600 lbs. fat (AR), her CTA figures totalling 615 lbs. The sire was classified VG at 3 years of age and was Reserve Grand Champion at the 1954 Colorado State Fair. He is a son of the Gold Medal Winterthur Posch Ormsby Fobes from a State Champion granddaughter of Wisconsin Admiral Burke Lad.

A TEXAS CHAMPION

Howard R. Scott of Blossvale, New York has had a pleasing report from Texas on a heifer which he consigned to the Wolverine Invitational Sale last December. The heifer, Delataft Fond Hope Bib Two, a daughter of Spring Farm Fond Hope, was purchased by Joe C. Carrington of Austin, Texas. At the Southwestern Exposition and Fat Stock Show in Ft. Worth last month Delataft Fond Hope Bib Two was grand champion of the show. Mr. Carrington plans to exhibit her at several other spring shows in Texas.

SPRINGTIME is SALE TIME and CONVENTION TIME

We welcome visits from all Holstein Breeders everywhere—our good neighbors from Central and South America, our good friends in Canada, and, of course, our fellow breeders in the United States.

Danboro is just 34 miles from Philadelphia, near Doylestown in Bucks County, Penna. Plan a stop at Danboro during your trip to the Convention.

To the Southeastern Pennsylvania Sale, Doylestown, April 22 —

We are consigning three bred heifers. Two are by our SMP sire, Winterthur Zeus Fobes Crescent—one bred to Cochran Honeyman and one to Clarkdale Gloria Transmitter. The third heifer is by Winterthur Alert Zeus Fast and bred to Cochran Honeyman.

Accredited
Certified
Vaccinated

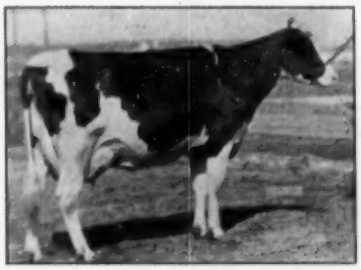
DANBORO HOLSTEIN FARM

Classified
Analyzed by aAa

DANBORO, PENNSYLVANIA

F. H. GOODYEAR, Owner

A SOUND FOUNDATION



TOOTSIE MERCEDES BURKE FOBES
891 Fat at 3 yrs.; 893 Fat at 4 yrs.
Dam of the Ex Bo-Cann Burke Fobes and also of our new Bo-Cann Burke Leader.

WIS CHARITY
1042 Fat at 7 yrs., 30,023 Milk 816 Fat at 3 yrs.
Dam of the VG Bo-Cann Burke Charity.

● Pictured left are the two cows that have influenced the character of our herd to a great extent. As of January 1 there were 95 head on our inventory — 51 of them trace directly to one of these cows.

● Of the 16 heifers we raised in 1954, all but one carry the blood of one or both of these cows. Of the 50 prospective calves now in dam in our herd, every one will trace to one or both of these two pictured.

Both of These Cows Are Official 100,000-lb. Producers

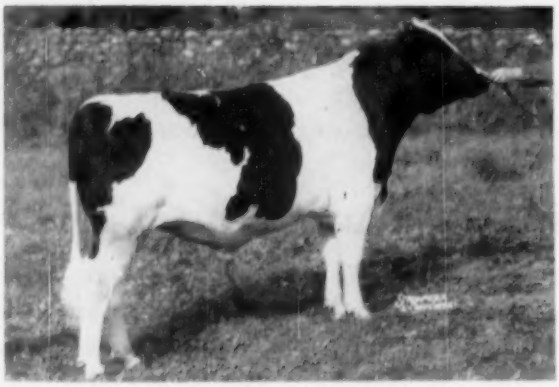
You could put them to work for you to good advantage—grandsons of both available at reasonable prices.

BO-CANN FARMS

Fall River, Wisconsin

QUALITY HOLSTEINS OF BURKE BREEDING
* * * **Production Plus Type** * * *

Honeyman...



COCHRAN HONEYMAN

Purchased for $11,000 in the General Cochran Dispersal.

— Sire —

PABST WINTERTHUR ZEUS

Excellent — Gold Medal

The high quality of the offspring of this great proven sire is now well known.

— Dam —

COCHRAN SOVEREIGN MAY (VG)

2d Best Udder & 3d 4-yr-old, N. Y. State Fair, 1952

"Honeyman" calves now on hand are an inspiration and a joy to all who have seen them. You will want to make a reservation for a future herd sire with real promise as a herd improver.

Qualified 8 Years for Progressive Breeders Registry

Benton Farms - Blairstown, N. J.

T. CLARKE BENTON, Manager

Certified - Accredited

aAa "Round and Sharp" Analysis

Breeders Who Use It, Like It!

744	animals	analyzed	by	us	during	1950
2,744	"	"	"	"	"	1951
2,497	"	"	"	"	"	1952
5,029	"	"	"	"	"	1953
8,629	"	"	"	"	"	1954

LEO R. BLANDING
83 Western Ave.
Brattleboro, Vt.

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Fredericksburg, Va.

W. A. WEEKS
P. O. Box 41
Batavia, Ill.

aAa is the Trade Mark of *Animal Analysis Associates*

CRYPT-IC NOTES

The WORLD "roving reporter" this month is James M. Osborn of Whirlwind Hill Farm, Wallingford, Conn., who writes from Egypt.

"This trip has been most interesting. I have accumulated evidence to suggest that the cattle during the height of Egyptian civilization were the same family as modern Holsteins. This is based on much tomb crawling and museum gawking. From the worship of these Holstein ancestors 5000 years ago the Egyptians have gone into plain bodied cattle, lighter in the barrel and in coloring.

"Today the Egyptians are victims of the 'high fat' fallacy and have accepted water buffalo from India, because their milk is high testing, 'though there is very little of it. But the wiser heads see the economic logic and are beginning to do something about it."

WILMERDING EXPANDING HERD

Thendara-at-Three Rivers Herd of Frank N. Decker and Frank N. Decker, Jr., Syracuse, N. Y., has sold from the herd ten head of females to David R. Wilmerding, Berwyn, Pennsylvania. Mr. Wilmerding, about six years ago, founded his herd on Thendara Stock and has since maintained a herd average production of over 500 lbs. fat each year after the first. Some time ago Mr. Wilmerding sold his extensive bag manufacturing company to Continental Can Co. Recently he purchased Elk Neck Ranch of 800 acres at Elkton, Maryland, where he will maintain an enlarged Holstein herd.

Ravenglen Farm, Antioch, Ill., announces the sale of a half-interest in their junior herd sire, Ravenglen Echo Triune, to Herman Schrock of Mishawaka, Ind. This promising young bull is by Ravenglen Triune Prince, Ravenglen's "Excellent" herd sire, and from Durke Fobes Fayne, one of the good brood cows in the herd. She is the dam of the first prize Produce at the Harvard Milk Day Show, the Lake County B & W Show, and the Illinois State B & W Show, all in 1954.

Mr. Schrock, who is ably assisted by Mrs. Schrock and their son, has one of the good farmer breeder herds in Indiana. He has used Ravenglen sires in the past with good results and this Triune bull fits nicely into his breeding program.

Forsgate Farms Dispersal

June 3-4 at the Farms, Jamesburg, New Jersey

Queen Mother of the Forsgate Herd

A Grandddaughter of Lashbrook Pearl Ormsby

A Special Announcement!

Cattle purchased by any individual breeder for a total of $5,000 or more will be delivered FREE OF CHARGE to the nearest rail point to his farm anywhere in Canada or Continental U. S. A. outside a radius of 250 miles from FORSGATE FARMS, Jamesburg, New Jersey.

J. F. ABEEL
Owner

M. R. WHELAN
Gen. Mgr.

JOHN ESCH
Herd Supt.

DUNCAN Mac KENZIE
Asst. Herd Supt.

Auctioneers:
HARRY W. HAYS
R. CHARLES BACKUS

HAYS FARMS LIMITED

Sale Managers
Box 470, Oakville, Ontario

Auctioneers:
C. B. SMITH
HORACE BACKUS

Catalogs ready for mailing April 22 — Send 50c for copy by mail

Forsgate Farms

Five Herd Sires Selling — All With

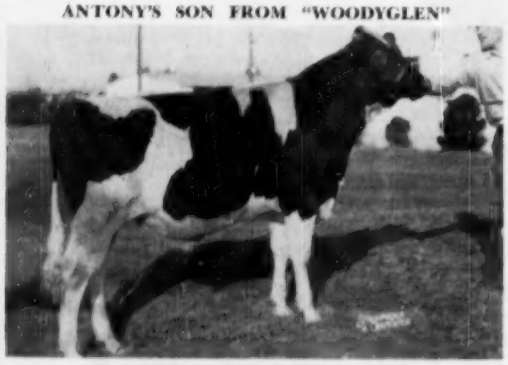
BROWNS MISTRESS ANNETTE (EX)
Dam of Browns Master Antony. Has 5 lactations over 800 lbs. fat and an 8-lactation total of 166,706 lbs. milk and 6,598 lbs. of fat, 3.84%.

BROWNS MASTER ANTONY

This 6-year-old inbred son of the XXX sire, Montvic Rag Apple Master, was used in the Franlo, Hy-Up, Lakefield and Creston herds before coming to Forsgate as a herd sire. He has a daughter in the Ray Bottema herd in Indiana that finished a senior 2-year-old record of 866.4 lbs. fat, and placed 2nd in the strong 3-year-old class at Indiana State Fair, 1954, where her young daughter by the popular "Treasure Model" bull was junior champion, later placing second at Waterloo, third at Chicago, and winning Junior All-American Honors.

"Antony" sells with 12 daughters and 2 sons—and 51 head in the sale carry his service.

ANTONY'S SON FROM "WOODYGLEN"



HY-UP KING ANTONY OF FORSGATE
He sells with his first crop of calves, and 31 head in the sale carry his service.

And His Son From "Woodyglen"

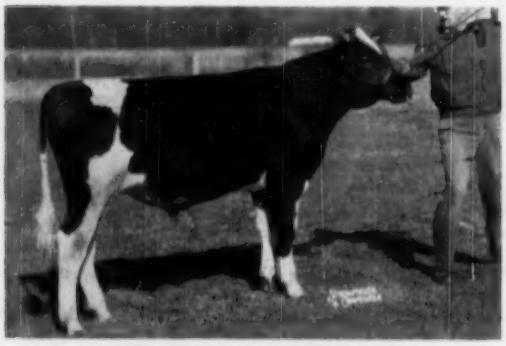
HY-UP KING ANTONY of FORSGATE

This promising young sire came to FORSGATE FARMS in dam before they purchased his sire, Browns Master Antony. Woodyglen Queen Mazie's impressive show record, climaxed by her All-American Aged Cow award in 1953, lends support to her strong breeding. She and her dam are each Excellent, her dam with an 11-lactation total of 161,981 lbs. milk and 6,135 lbs. fat on 2X. Mazie also has four outstanding maternal sisters.

RAG APPLE HUNTERHOLM SUPREME

RESERVE ALL-CANADIAN 1952

This VG 4-year-old son of Spring Farm Sovereign Supreme is from a VG 774-lb. 2X granddaughter of Marksman. He sells with his first five daughters born at FORSGATE, and 36 head in the sale are bred to him. His first three daughters in Canada to freshen are reported to have perfect udders.



FORSGATE ANTONY PREDICTOR
Selling. Son of Browns Master Antony out of an 872-lb. daughter of Forsgate King Piebe (SMP). He has an 856-lb. junior 2-year-old maternal sister.

RAG APPLE HUNTERHOLM SUPREME (VG)
Reserve All-Canadian Senior Yearling, 1952, and Honorable Mention 2-year-old in 1953, placing 1st and Res. Grand at the CNE, 3rd at Waterloo and the International, and 4th at the Royal.

Forsgate Farms

Daughters You Can See and Buy

OSBORNDALE TY-VIC LEADER

OSBORNDALE TY-VIC LEADER (VG)

He'll be 5 in July, son of the EX-GM sire, Osborndale Ty-Vic, from an 848-lb. 3.9% double granddaughter of Sir Bess Ormsby May. He was 1st prize 2-year-old at New York State Fair, 1953. One of the breed's fine examples of the Rag Apple-Ormsby Cross, he sells with 8 of his daughters (two of them pictured below), and six head in calf to him.

OSBORNDALE GAY SIR OLIVER

This sire's daughters (10 of them selling) are living up to the high production predicted in his pedigree. His sire is Gold Medal and his VG dam (pictured below) has two records over 1100 lbs. fat. Of his first 7 daughters at Forsgate to complete records, three have from 743 to 856 lbs. as junior 2-year-olds; another has 712 as a senior 2-year-old; and the other three made from 566 to 616 lbs. He is a maternal brother to a $12,000 bull, and to the "Symbol" bull at Osborndale. His new HIR proof:

7 dtrs. avg.	17297	3.45	596
7 dams avg.	12719	3.81	485
	+4578	−.36	+111

A TYPICAL "TY-VIC" DAUGHTER

FORSGATE TY-VIC GAY
Born Aug. 20, 1952. Fresh Feb. 12, 1955 with a heifer calf, by Hy-Up King Antony of Forsgate. Her credits will be announced at the sale.

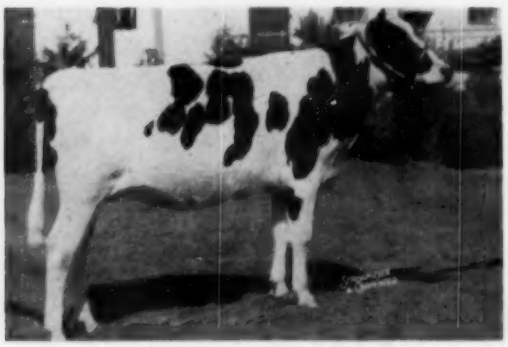
"SIR OLIVER'S" 1119-LB. DAM

QUALITY FOBES ABBEKERK GAY (VG)

6y	365d	3X	29903	3.7	1119
8y	365d	3X	30056	3.6	1109

Two other records over 931 lbs. Full sister Excellent with 929 lbs. An Excellent plus-proven full brother. Her sire and grandsire both Gold Medal.

A YOUNGER "TY-VIC" DAUGHTER



FORSGATE TY-VIC MAE
Born Aug. 1952, photographed in March, 1955. Carrying calf to Hy-Up King Antony of Forsgate. Her dam, also selling, is by Smithland Supreme Champion.

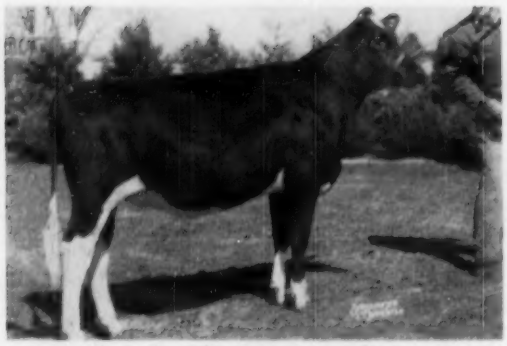
HIS HIGHEST RECORD DTR. TO DATE

FORSGATE SIR OLIVER JEAN (GP)
Born September 1950

2-5	365d	3X	23835	3.6	856.6

Sells with young daughters by Smithland Supreme Champion and Browns Master Antony. Due again in the fall to Browns Master Antony.

Forsgate Farms



FORSGATE SUPREME DIXIE
This is the October, 1953 daughter of Dix Burke Dixie by Smithland Supreme Champion. Isn't she a Beauty? One of the 46 daughters and 4 sons in the sale by the "Champion" bull.

Young Stuff?

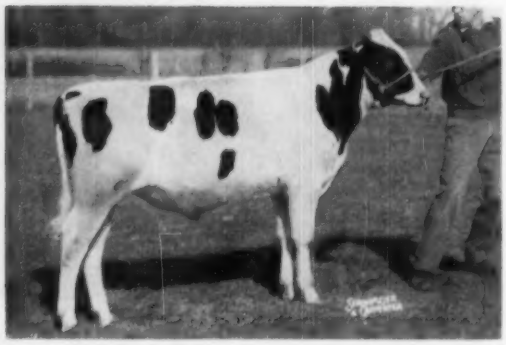
We don't know where in North America it would be possible to select as many truly remarkable calves and yearlings of both sexes as are being offered in this complete dispersal! Most of them are sired by the five bulls described on the preceding two pages, and we give you a sample of the best of them on this page.

And if you would prefer to raise your own, the bred females in this sale are carrying calves by these five herd sires, plus many 1955 services to such noted sires in artificial service as SOVEREIGN COCHRAN and ABC REFLECTION SOVEREIGN.

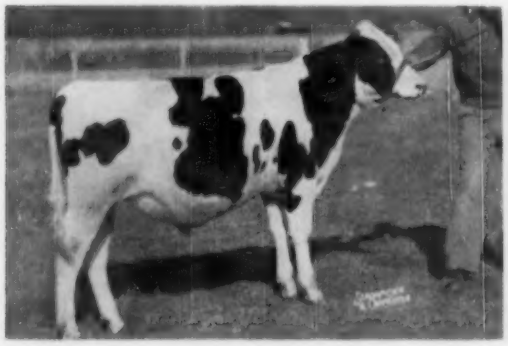
If you want "young stuff"—here's your great opportunity!

Four Young Bulls - All From 1000-lb. Dams!

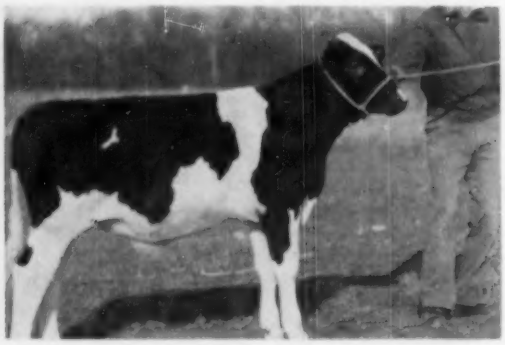
FORSGATE SUPREME DICTATOR
Born October 31, 1954. By "Smithland" and out of Forsgate Susie Posch with 1037 lbs. fat, 4.2% at 4y and two other records of 832 and 786 lbs. Dam again on test.



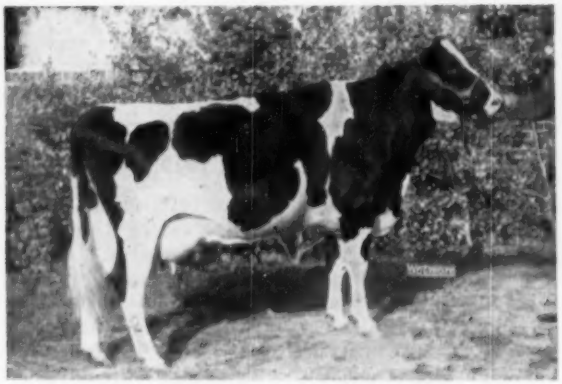
FORSGATE FOND HOPE PRIDE
Born June 17, 1954. By Spring Farm Fond Hope and from Forsgate Piebe Pride Fern with 1061 lbs. fat, 4.3%, other records of 783, 604, and again on test with 617 lbs. in her first 226 days.



FORSGATE EMPEROR LOCHMASTER
Born June 18, 1954. By Montvic R. A. Emperor Johanna and out of Smithland Miss Cherry (VG) with 1023 lbs. fat, 3.8% at 4y. Dam again on test with 615 lbs. fat in her first 225 days.



FORSGATE SIR OLIVER PATRICK
Born Oct. 2, 1954. By Osborndale Gay Sir Oliver from Forsgate Patrick Highland (VG) with 1026 lbs. fat, 3.8%, other records from 591 to 937 lbs. Lifetime record: 143,420 milk, 5,270 fat. Next two dams also VG and records over 700 lbs.



LAKEFIELD FOBES DELIGHT
Grand Ch. Michigan State Fair, 1954
1st 4-yr.-old and 1st Best Udder, '53-'54
3-5 2X 340d 19,160 M 3.8% 733 F (SA)

Lakefield Holsteins

The emphasis at this time of the year is on production. We believe in the **HERD TEST** to determine that production and preserve the records.

Our 5-Year 2X HIR Average						
34+	Cows	15,805	M	3.8%	593.7	F
Our 10-Year 2X HIR Average						
32+	Cows	14,624	M	3.7%	543.7	F
Our 15-Year 2X HIR Average						
31+	Cows	14,056	M	3.7%	520.8	F

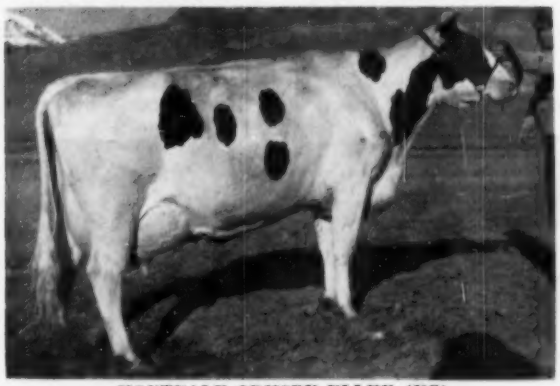
Our herd is composed largely of sisters and close relations to the above young cow

LAKEFIELD FARMS — Clarkston, Michigan

OSCAR WEBER, Owner O. F. FOSTER, Mgr. KENT MATTSON, Herdsman

Presenting . . .

Fabulous Females of the "RICH-HERD"



MONTVALE ORMSBY ELLEN (VG)

3-8	349	16,181	3.8	610
4-9	305	14,454	3.7	530
5-11	235	14,550	(Inc.)	587

1st prize 3-yr-old and Res. Grand Champion, Pacific International, 1951. 1st prize 3-yr-old, Best Udder and Res. Grand Champion, Utah State Fair, 1951. Grand Champion and Best Udder, Plain City, 1953; Grand Champion Utah State Livestock Show, 1952-53.

— Looking Back —

Ellen's Sire — HALLROSE ORMSBY RUBE (VG-SMP)
Ellen's Dam — MONTVALE SNOWBALL LASSIE
Best Uddered Cow, Montana State Fair
Ellen's Sisters —
MONTVALE ORMSBY CANTATA (Ex)
Grand Champion Pan-American Exp., Sold for $3400 (Hickory Creek Dispersal)
MONTVALE ORMSBY CHERUB (EX)
Sold for $2550 (Hickory Creek Disp.)
MONTVALE ORMSBY GLENICE (VG)
Res. All-American 2-yr-old; 2y, 705 fat

— Looking Ahead —

Ellen's Sons —
RICH-HERD ENGRAVER
1st prize Jr. Yrlg. Bull, 1953, Utah State Fair, Spanish Fork, Plain City. Used at Rich-Herd, now herd sire at Bellolane Milk Farms, Salt Lake City.
RICH-HERD TOP NOTCH
2d prize Jr. Bull Calf, Utah State Fair, 1954. Junior herd sire, Rich-Herd Ranch.
Ellen's Daughter — RICH-HERD TIDY EBONY
2d prize Jr. Yrlg., 1954 Utah State Fair, Spanish Fork, Plain City.

Rich—Herd Holstein Ranch

GRANT and LUCILE RICHARDS Route 1, Box 154, American Fork, Utah

-ENRICH YOUR HERD WITH A RICH-HERD SIRE-

70 Head — Two Great Herd Sires Offered

Selling with 11 of his daughters

ERINDALE KILLARNEY ESQUIRE

Born August, 1949

He is our grandson of the HIGHEST LIVING PRODUCER IN NORTH AMERICA, Jack Budd's famed 1479-lb. fat Erindale Dunloggin Anna (Ex). He is sired by her son, Erindale Killarney, and out of one of her maternal sisters, Erindale Dunloggin Lauxmont Betty (VG), who spent her last days in our herd and leaves us two daughters that will be features of this dispersal sale.

— His Dam —

ERINDALE DUNLOGGIN LAUXMONT BETTY (VG)

5-5	365	3X	15,500	4.3	659.4
7-6	243	3X	15,438	4.2	640.9

(Died before completion—hardware). Maternal sister to 1479-lb. Erindale Dunloggin Anna. (E).

His Maternal Granddam

DUNLOGGIN DUCHESS ANNA (VG)

11-1	365	3X	25,627	3.7	941.6

Came back at 12y with 852 lbs. in 309d, and freshened again last May with her 12th calf. Has 842 lbs. fat at 14y (SA) and is due again in June at 15 years of age.

—His Sire —

ERINDALE KILLARNEY

Son of the 1479-lb. fat Erindale Dunloggin Anna (E) sired by Raymondale Ideal Successor. Owned by Erindale Farms, Swartz Creek, Mich.

His Dam's Full Sister

ERINDALE LAUXMONT DUNLOGGIN JEWEL

3-7	365d	3X	22105	3.7	826.1
6-1	365d	3X	28100	1000	(SA)

A full sister to the dam of Esquire, owned by Jack Budd.

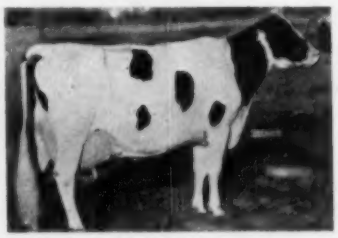
His Dam's Full Sister

ERINDALE DUNLOGGIN DUCHESS EDNA (VG)

7-8	365	3X	21935	842.8
9-8	349	3X	21918	922.2

Another full sister to the dam of "Esquire" also owned by Jack Budd.

His Sire's Dam—His Dam's Sister



ERINDALE DUNLOGGIN ANNA (E)

The new living butterfat champion with 1479 lbs. fat and two other records over 1000 lbs. at Jack Budd's. Maternal sister to "Esquire's" dam, and the dam of his sire.

At Williamston, Michigan

MONDAY — APRIL 18

C. B. SMITH—Sale Manager

R. P. ULLMANN—Owner

2461 West Warren Ave., Detroit 8, Mich.

"Esquire" Sells-11 Daughters

Trained for artificial service—a marvelous opportunity for a group of breeders or an artificial breeding association to obtain a bull from the heart of the "Duchess Anna" family. "Esquire" is bred to sire big, long-lived, high producing cows—the kind that are at their best after 10 years of age. We believe his daughters in the sale are going to develop into the kind of cows pictured on this page.

In RAYULMN DISPERSAL — April 18th

FOR-MAR IDEAL ADMIRAL

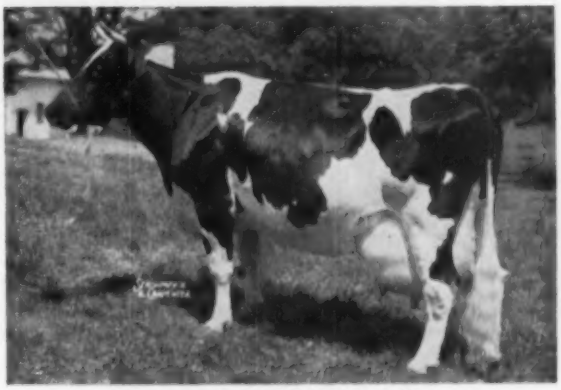
"Admiral" was born in September, 1948. Sired by Raymondale Ideal Successor and out of Dunloggin Fond Segis (pictured). Seven daughters also selling. **The first one to finish has 16764 lbs. milk, 634.7 lbs. fat, 2y, 2X.**

"Admiral's" dam, Dunloggin Fond Segis, is the third member of the breed's ONLY six generation group of 800-lb. fat cows on 3X. The third direct dam is Glencliff M B B Vernon Segis, 830-lb. fat daughter of Marathon Bess Burke.

The "Admiral" daughters are worthy of consideration by any breeder seeking big, high producing daughters of rugged type. "Admiral" himself belongs in artificial service where his influence can be extended as widely as possible.

HERE ARE A FEW OF THEM:

— His Maternal Sister —



DUNLOGGIN GOLDEN SEGIS
The twice 850-lb. fat maternal sister to "Admiral," she the dam of five daughters with records from 745 to 959 lbs.

— His Dam —

DUNLOGGIN FOND SEGIS
The 969-lb. fat (11y) dam of "Admiral," by Dunloggin Fond Memory and out of Dunloggin Ormsby Segis (VG), 818 lbs. fat.

— His Maternal Granddam —

DUNLOGGIN ORMSBY SEGIS (VG)
The 818-lb. maternal granddam of "Admiral" by Admiral Ormsby Fobes Again and from Glencliff M B B Vernon Segis (830 fat).

Catalog Reads Like

Who's Who In Ormsbys

HERE ARE A FEW OF THEM:

ERINDALE KILLARNEY ESQUIRE and 11 of his outstanding daughters.

FOR-MAR IDEAL ADMIRAL and 7 of his high producing young daughters.

EIGHT daughters of PABST BURKE BREEZE
One of them is an own daughter of Dunloggin Duchess Anna, the dam of the 1479-lb. Jack Budd cow.

FIVE daughters of BAKER FARM GOLIATH, Gold Medal son of the immortal Ormsby Direct, with a plus proof of 1410 milk and 70 fat.

FIVE daughters of RAYULMN SIR GALAHAD, a Preferred Pedigree bull by "Goliath" from the Excellent cow, Lakefield Winterthur Creamelle.

SEVEN daughters of RAYULMN DUKE, a son of "Galahad" out of Erindale Dunloggin Lauxmont Betty (VG), the dam of "Esquire."

THREE daughters of SIR BESS ORMSBY FOBES DICTATOR with records up to 766.8 lbs. fat, 15899 lbs. milk, 2X.

FIVE daughters of THE DUPLICATOR, Excellent proven son of Sunbeam Pride Transmitter (GM) out of Johanna Ormsby Piebe Posch (EX).

ONE daughter of PABST ROAMER DEAN WALKER LAD (EX).

Over 30 years of Linebreeding America's Top Ormsby Blood
Continuous AR Records

Make a date with Ray Ullmann on April 18!

ROCKCREST BLACK BEAUTY PRIDE (VG)
365d 2X 24,140 M. 3.5% 846 F. (SA)

←

One Of The Right Kind — Our Daughter Of

Sir Tritomia Transmitter

That Has Just Completed A Record Of 846 F. On 2X

She is one of several daughters of the Babe bull, (Sir Tritomia Transmitter) in our herd, many of our best cows are his daughters and granddaughters.

This is now his highest record daughter—others with 2X records of 734.4 F. and eight others with 607 to 670 F.

Sir Tritomia Transmitter, Very Good, Silver Medal Production Sire, was one of the greater sons of the noted GM Sunbeam Pride Transmitter.

Sir Tritomia Transmitter was known as the Babe bull, his dam, Babe Tritomia Beets, a daughter of Prince Burton Tritomia Beets and she was fourth aged cow at the 1939 National Dairy Show and a member of the three best uddered group there.

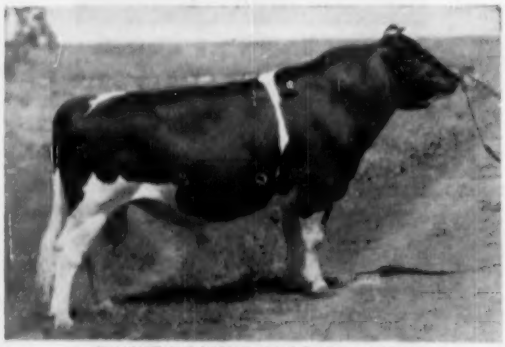
Our herd classification: 2X — 11 VG — 21 GP — 1 Good

IOWA Rugged Holsteins

ROCKCREST Farms ELKADER, IOWA

— A. J. Johnson, Owner —

Frozen Semen Available from Pabst Burke Piebe Tritomia (VG-GM), Rockcrest Burke Admiral (his Excellent son) and from Pabst Roamer Fobes Walker, maternal brother to the 1954 All-Am. bull calf.

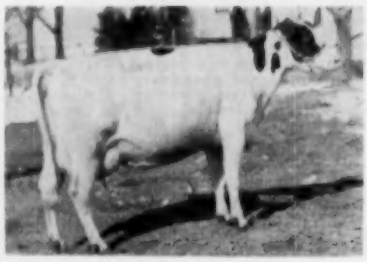


PABST ROAMER GALLANT (GM)

A Great Year For Both

Pabst Roamer Gallant is "Roamer's" second Gold Medal son and the second Gold Medal sire developed in our herd during the past four years.

His daughters have proved his ability in the show ring. And in production, a recent daughter-dam comparison shows a 66-lb. increase on 456-lb. dams.



MAYTAG DEAN INKA RUE (EX)
At 9y 999.7 F. — 24,507 M. — 3X
Total to date, 4,291 F., 103,501 M. A daughter of the Ex. Proven, Sir Bess Ormsby Dean, an 808-lb. son of SBOF 73rd.

Maytag Dean Inka Rue was classified Excellent early last year and last December completed her record of 999.7 F. Remember, she is the dam of that good white cow, ManCryCo Royal Rue (Ex), that has been twice grand champion at the state show. "Royal Rue" and another daughter, (an 88 pt. VG as a 2-yr-old by "Gallant") are both off to a good start this year.

Don't forget — when looking for your next herd sire—our two senior sires are both Gold Medal and two junior sires are from Excellent dams—all backed by 1000-lb. F. dams.

IOWA Rugged Holsteins

ManCryCo Farms

MANNING —:— IOWA

LEO BRUCK, Owner LESTER DAMMAN, Herdsman

80 of The Finest Registered Holsteins in all of America Sell in The

1955 NATIONAL CONVENTION SALE

Thursday, June 2 — Harrisburg, Penna.

Listed Below Are Early Features — Including Five Progeny of 1000-lb. Fat Dams!

Females:

* Second highest record dtr. of Clarkdale Gloria Transmitter with 663 lbs. fat and 16908 lbs. milk, 25 mos., 2X, 3.9% Due July 1.

* Yearling dtr. of famed New Hampshire State Champion, "Pandora" with 817 lbs. fat, 3y, 2X, 3.8%. The "Echoes" of N. H. on both sides of pedigree. "Pandora's" gr'dams have 1131 and 1084 lbs. fat, both 2X.

* 18 mos. dtr. of Pabst Reburke Duke from "E" All-American, Locvale Master Marcey who has 1053 and 1061 lbs. fat in successive years.

* A 729-lb., 4y, 2X, 4.2% dtr. of Tyler Farms R A Sensation from 1023-lb., 2X, 4.2% dam.

* A bred heifer with all "45th" pedigree from twice 1000-lb., 4.4% Newmont Mutual M-O-W May.

* Dtr. of Pond Gate Playmate finishing a top 2-yr-old, 2X record and due back in July. Her 978-lb., 4.3% dam is out of a full sister to Lauxmont Rag Apple Lucinda.

* An "Excellent" dtr. of Winterthur Winner Pilot Alert with 560 lbs. fat, 3½y, 2X, 3.8% from "VG" 633-lb., 2X dam.

* Two sensational dtrs. of Glenafton Engraver — one from 887-lb., 4.9% dtr. of 1163-lb., 4.75% Montvic Hiemke R A Patsy — other from 870-lb. dtr. of a 1204-lb. dam. Both bred to Rosafe Centurian.

* A Vt. St. Champion dtr. of Osborndale Star Dust with 760 lbs. fat, 4y, 2X.

* A 755-lb., 5y, 2X, 4.1% dtr. of Knollwood Helbon Lochinvar from 894-lb., 2X 4.2% dtr. of Osborndale Sir Rag Apple.

* A 626-lb., 26m, 3X dtr. of McDonogh G R Rag Apple from 893-lb., 4-yr-old dam.

Males:

* Son of WIS LEADER (GM-E) from "E" Twice All-American, La Princess Margaret with 889 lbs. fat, 3½y, 3X, 4.2%. Second dam is "E" $23,500 Reserve All-American, Dunloggin Mistress La Princess with 1047 lbs. fat, 3X.

* Grandson of Baker Farm Dunwood Pride (GM-E) from "VG" 1011-lb., 2X, 4% dtr. of "E" twice 1000-lb. Dunloggin French Mistress.

* Son of NJES Conqueror Adeline Omega from twice 1000-lb., 4.4% Newmont Mutual M-O-W May.

* Son of Dunloggin King Var from Dunloggin Deen Var gr'dtr with 966 lbs. fat and 27053 lbs. milk, as junior 3-yr-old on 3X.

* Son of Rosafe Centurian (maternal brother to $20,100 calf) from breed's highest testing cow, Vee Rag Apple Hartog, with 932 lbs. fat, 3X, 5.76%.

* Son of the National Milk Champion 305 days, 4y, 2X. His dam made 870 lbs. fat, 4y, 2X. Dam's dam has 913 lbs. fat, 2X and sire's dam 1319 lbs., 2X. Both granddams are by Lauxmont Safemaster Prospector.

All Personally Selected by the Sale Chairman, EARL L. GROFF, Strasburg, Pa.

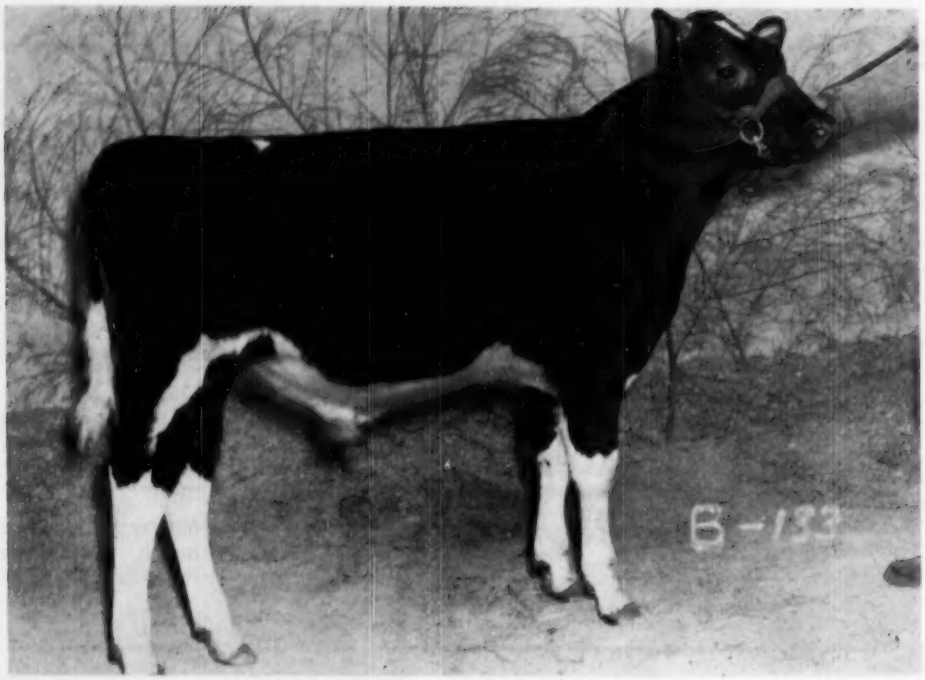
Please Direct All Catalog Inquiries To The Sale Management.

R. AUSTIN BACKUS, INC.

Sale Managers and Auctioneers

Mexico, New York

Another Flashy Son of Flashy Chief-



CARNATION FLASHY ORATOR
Born August 20, 1954

The bull we offer in this issue, Carnation Flashy Orator, Ear Tag B-183, is one of the clean cut, stylish, sons of Carnation Flashy Chief that have attracted so much attention from visitors the past few months. The sons and daughters of Flashy Chief possess a remarkable combination of the clean cut quality and dairy character of his great dam Frasea Leonora Wayne (Excellent-1,000 lb. show cow) and the great size and strength of his sire Carnation Imperial Chief. Imperial Chief is a Silver Medal Type Sire with a strong plus proving on production.

The dam of Carnation Flashy Orator is a "Very Good" (with "Excellent" mammary system) daughter of Carnation Black Magic. She made 14,487 lbs. of milk, 542.5 lbs. of fat, 3.7% as a two-year-old; 15,694 lbs. of milk, 632.8 lbs. of fat, 4.0 as a four-year-old; 680 lbs. as a six-year-old and is now making another very good record. Next dam is a 543 lb. two-year-old Governor daughter. She is a full sister to Carnation Homestead Princess May with 1,210 lbs. fat, and a member of 1940 All-American Get.

Write or wire for pedigree, pictures and price.

Carnation Milk Farms

CARNATION MILK FARMS
Dept. 178, 1060 Stuart Building
Seattle 1, Washington

★ The Newspaper of the Breed

Holstein-Friesian World

Vol. 52 — No. 7

April 2, 1955

SOME PROBLEMS OF

Breeding Better Dairy Cattle

By E. S. Harrison

In this dairy business we are all striving to reach the same goal, namely to breed a higher and more efficient producing cow. We have pursued various methods in our attempt to solve this common problem.

In recent years with the development and expansion of our testing program too many dairymen have been evaluting a cow or a cow family solely on the basis of a production record. In reality this is an attempt to solve by simple arithmetic the complex problems confronting the breeder of high quality high producing cows. The breeder's problems have never been that simple and they never will be that simple. I do not want to minimize the importance of production records but I do want to emphasize the necessity of using the information provided by these records wisely and not blindly. The founders of our modern testing program never intended it to replace the owner's personal study and critical appraisal of the individuals making up his herd but rather to supplement and augment his personal evaluation. When a breeder ceases to be a critic of his own herd he will cease to make progress.

The opportunities that lie within the grasp of the breeder are infinite yet they are elusive. The road to success is slow because the problems confronting the breeder are many and they are so complex in nature that they offer a challenge to the ablest and the most resourceful. The breeder is dealing with life itself which is controlled by the laws of heredity; laws which cannot be altered by the wishes of man.

Nature is primarily concerned with the perpetuation of the species. Man, on the other hand is concerned with altering the species so that it will better serve his needs. Nature's interest in the individual is based upon the fundamental principle that the individual is necessary for the reproduction of the species. While Nature deals only in terms of the individual man in his haste to reach the top has frequently thought in terms of the masses and has forgotten that the individual is the key to success in any improvement program. It is not within the power of man to change the laws of Nature and heredity but he can direct these forces. Remember that when a calf is born it is the result of specific mating and as breeders we had it within our power to direct that mating.

The breeder must have a creative mind. In the role of a creator he strives always to make the best better. If he is to succeed he must first create in his mind an image of the animal with all of its perfection that he hopes to produce. With this preconceived ideal of what he wants he is ready to begin his search for those individual specimens of the breed that can contribute towards producing this ideal. He then carefully directs the matings of these individuals in an effort to combine and to intensify the superior qualities while eliminating the undesirable characters.

The breeder's work does not end here. As the initial mating is made he must be studying and planning for the next mating. While the breeder must plan ahead he must never cease to study criticaly the results of his past matings. Because the genetic make-up of the dairy cow is both mixed and complex, even the most perfect individual may carry genes for and may transmit some undesirable character. The fact that occasionally we get a top from a rather inferior cow and a disappointment from one of our better cows has proven to be very disturbing to some. Don't be misled, however, because these are the exceptions and not the rule. It has been my experience over the years that our good ones have consistently resulted from mating the best to the best. It has also been my observation that when one keeps for breeding purposes a misfit hoping to produce a miracle he is defying the laws of heredity with little chance to win.

A breeder must have a carefully formulated breeding program. He must have faith in that program and he must not deviate far from it. There are too many owners of registered cattle who don't seem to be able to set up a program and then follow it. The moment a new World Record is announced they think they must incorporate some of that blood into their program even though the animal purchased is distantly and remotely related and far below the standard of the record cow. Let an animal sell for a top price in the sale ring and there is a wild scramble to buy aunts, uncles and cousins. They must dream of a monopoly. The breed, however, has become too large for anyone to gain a monopoly of all of the good ones. This does not mean that we should be unmindful and unappreciative of the accomplishments of our fellow breeders. Regardless of how great a herd may be there are times when the breeding program can be strengthened by the wise choice of top blood from another

herd. As a matter of fact breed progress has been the result of a new generation of breeders taking over where the last generation left off. For this reason the industry must be just as much concerned about developing a new generation of breeders as it is over the quality of the cattle produced in that particular period.

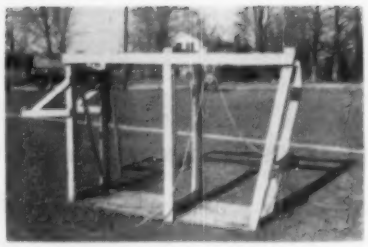
Does a production record provide a reliable measure of genetic inheritance? I feel that the answer is "No, it does not". A production record is a product of inheritance and opportunity. The lack of a productive opportunity in many cases completely blacks out the influence of inheritance. This being true a production record provides a reliable measure of genetic inheritance only when the nutritional and management opportunities are at a high enough level to permit inheritance to express itself. There are so many factors that influence the productive opportunity that we provide our cows that it is practically impossible to standardize opportunity even within a herd. At best, then, a production record only provides a measure of inheritance under a given environment. For this reason there are hundreds, yes, thousands of potentially great cows that go through our herds unnoticed and unheralded simply because they were never provided an environmental opportunity that would enable them to give expression to their inheritance. The lack of a production record does not change the genetic makeup of a cow nor does it alter her ability to transmit factors for herd improvement which in turn is the foundation for all breed improvement. Great cows are where you find them, record or no record. A record only establishes proof of their ability. Remember that all of our early progress in breed improvement was accomplished without the aid of production records. Production records are helpful and important in any program of herd improvement but they do not and they cannot ever replace the need for a critical appraisal of the individual members of the herd.

Type characteristics are determined by inheritance. When we see a broken down pendulous udder on a young cow it means that she was bred to have that kind of an udder. Her sire or her dam or both transmitted factors for a poorly attached udder. Far too many breeders have alibied and explained broken-down pendulous udders on the basis of a moderate sized production record. I recently had the opportunity and the pleasure of seeing Archie Meeks' great Queen cow that had just completed a 2X AR record of 35564 of milk and 1319.7 of fat. If production is an excuse for a broken down pendulous udder then certainly there has never been a cow in the history of any breed that was so entitled to wear such an udder because she averaged 97 pounds for 365 days. I didn't see any broken down pendulous udder. Her udder is sound in both its fore and rear attachments. The floor of the udder is still well above the level of the hocks, a standard set for much younger cows regardless of the production record. As I handled her udder I was tremendously impressed by its great quality. Under the pressure of the hand it had a sponge-like elastic quality that has long been associated with an udder that possesses great productive capacity with a minimum of size; the quality that spells out quick and easy milking combined with the ability to last.

Type defects appear in varying degrees of seriousness. The breeder that is a student and critic of type is quick to recognize defects as they make their appearance. With a knowledge of these defects he can take steps to correct them before they become serious enough to destroy usefulness. On the other hand the breeder who disregards the importance of type and bases his breeding program solely upon production records is leaving type to chance. When he breeds a cow with poor legs to a bull that is transmitting factors for the same defect that defect is almost certain to be exaggerated in the resulting offspring.

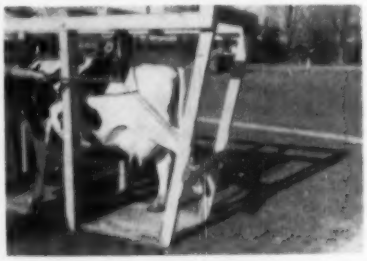
The fact that a heifer with a serious type defect may have a large production record has led many dairymen to the false conclusion that type is of little importance. The true relationship between type and productive usefulness cannot be measured in terms of a single lactation. Even a very poorly attached udder seldom affects a two year old's record but it will definitely shorten her productive life and it will lower her production in later lactations. When we take the two year old record of a heifer with a poorly attached udder and convert it to Mature Equivalent we arrive at a production figure that is unlikely to be reached at maturity and I do not know of a milk station that is buying on a Mature Equivalent basis.

In the past six years 14 cows at Harden Farms have made over 1000 lbs. of fat. Without a single exception they were classified either Very Good or Excellent and a fairly high percentage of them have given a good



Foot Trimming Rack at Harden Farms

Front foot in position for trimming.

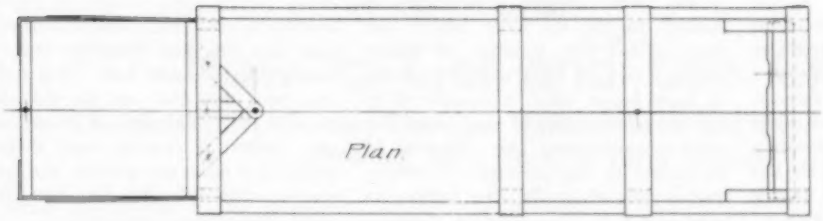


Rear foot in position for trimming

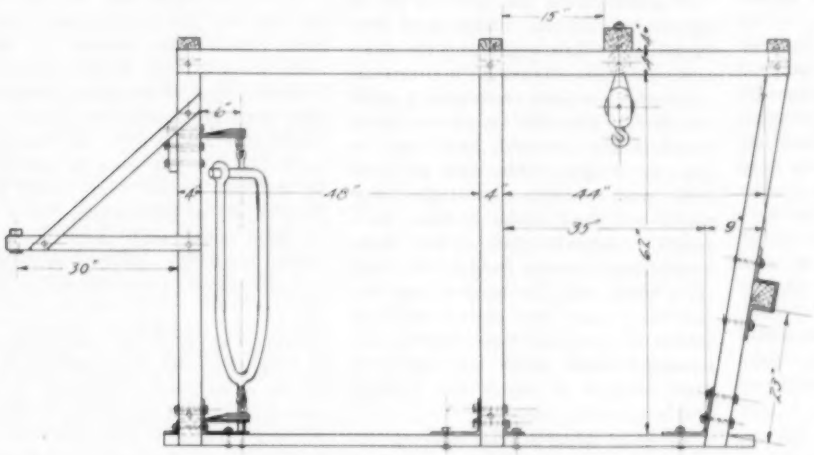
account of themselves in the show ring. Our great lifetime producers like our 1000 lbs. fat producers are all classified either Very Good or Excellent. As breeders you cannot afford to underestimate the importance of type and again I want to re-emphasize the fact that lifetime production and not two year old production is the only basis upon which we can get the true correlation between type and production.

The importance of type, however, cannot be measured solely upon the basis of the number of pounds of milk and butterfat a cow produces. Bad legs and feet, broken down pendulous udders, meaty udders that milk out slowly and defects of this nature can double the amount of labor required to produce a given amount of milk. Everyone of you who has milked and cared for cows knows this to be true.

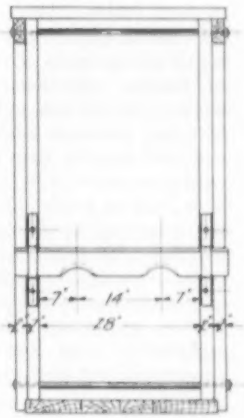
In our herd at the present time are 27 cows that range in age from 10 to 17 years. These old cows are still among the top producers in the herd and physically show little proof of their age. Their age, their physical condition and their phenomenal year



Scale Drawing of Foot-Trimming Rack designed and used at Harden Farms, Camden, N. Y.



Side Elevation



End Elevation

The dimensions of the foot trimming rack shown in the accompanying diagrams are for Holstein cows from average to better than average size. It should be equally well adapted for the Brown Swiss breed. For the Jersey and Guernsey breeds it should be shortened and narrowed to adjust for the difference in size.

In the operation of the rack the 4x4 best shown in the end elevation is removed and the cow is led into the rack and the stanchion is fastened on her neck. The halter rope is then drawn tight to bring her shoulders up against the stanchion and then secured to the front rail. This eliminates to a great degree the chance of any forward or backward motion of the cow.

With the solid wooden floor and using a chisel and hammer, the toes are trimmed until the foot takes on a well-rounded shape or form. The bar at the rear of the rack is then replaced and the rope from the pulley is threaded through the hole in the rear bar and the loop in the rope placed around the leg just below the dewtoes and just above the hoof. We have found it a good practice to wrap this part of the leg over which the rope is encircled with burlap to guard against the danger of a rope burn. The hind leg is then picked up boldly and quickly until the leg fits into the notch shown in the rear-view bar and is snubbed—not tied—around the center post of the rack. It should be drawn tight. The whole performance demands quick, bold, firm, precision action. Slow action with indecision permits enough slack in the rope to encourage struggling.

A three-man team works most efficiently: No. 1 does the actual trimming; No. 2, his assistant, has two duties; a) he assists No. 3 in quickly and firmly bringing the foot into place and b) he then steadies the foot and twists the toes to facilitate the trimming job. No. 3.—His duties, after the foot is in place, are to keep tension on the rope but he must be prepared to release it immediately upon orders from No. 1. No. 1 with a hoof knife first digs out and cleans out the foot. Then with hoof trimmers he removes the outer rim of hard hoof. I have found that a hoof trimmer with one cutting edge and one square jaw is the most satisfactory type. Starting at the heel of the foot trim progressively toward the toe, never cutting more than ⅛ of the width of the cutting edge. This is important because with one edge free the nippers can be freed at anytime. When the hard outer part of the hoof has been removed the job is completed with the hoof knife. The foot should be trimmed so that when the foot and leg are in a normal position all parts of the outer rim touch the floor.

It is desirable to trim the sole of the foot so that it is slightly concave rather than perfectly flat. Through experience one learns to trim a foot so as to, in a measure, compensate for certain defects. For example, in the case of the "spread toe" leaving the outside slightly longer than the inside tends to turn the toes inward.

When dealing with sore feet it is highly important to remove all diseased tissue even though it may result in bleeding. When this is necessary we have had very good results by first soaking the foot in a warm disinfectant such as Creolin or Lysol and while the foot is still moist covering the open area with one of the dry sulfa powders such as terramycin, streptomycin or sulfanilamide and then bandaging the foot to keep the dirt out. In advanced cases, additional intravenous injections or sulfa drugs are helpful. Keep in mind, however, that if the feet are systematically and periodically trimmed such cases are largely eliminated.

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after year production provides positive proof as far as we are concerned that type is closely correlated with lifetime performance. Here again 13 of these 27 cows were classified Excellent and the other 14 were rated Very Good for type.

In addition to possessing correct type a cow must be provided a feeding and management environment that does not dissipate her potential abilities. Neglect and abuse can ruin any cow regardless of her perfection of type but the best of care cannot compensate for a poorly attached udder. Since type is correlated with the ability to last, type is again important to a dairyman because it reduces the number of replacements required to maintain his herd. It makes a big difference whether the cost of raising a replacement must be charged against three lactations or six lactations. Also keep in mind that the cows that leave our herds at the end of two or three lactations never had a year of mature performance whereas the cow that completes six lactations has three years of production in mature form.

As important as this is it still does

not tell the complete story. As we reduce the number of replacements required to maintain our herds we increase our opportunities for selection. For example it has been estimated that 60% of all of the heifer calves born have been required to maintain numbers and that another 20% do not live to reach the milking line. If this estimate is true it means that with no further increase our selection opportunities are limited to 20% or one out of five. Survey figures show that we are continually increasing numbers which again limits our opportunities to practice selection. By becoming more type-conscious and building our breeding programs around those cows and cow families that possess proven ability to wear and to maintain a high level of production, lactation after lactation, we should be able to lengthen the productive life of our cows. It certainly merits our consideration because if successful we would increase productive efficiency, reduce replacement costs and broaden our opportunity for selection.

Each of the dairy breeds has its own true-type model. A critical comparison of the standards of perfection set up for the various breeds would reveal that there is little significant difference between them. Yes, these true-type models differ in color and each has its own individual head characteristics but change the color markings on the Holstein model and we would have a very acceptable model for any one of the other breeds.

Did you ever stop to think what the true-type model represents? Is it the replica of some famous cow of the past? Not at all. The true-type model represents a composite. The outstanding characteristics of a number of great cows were blended together by the artist to produce a standard of perfection to serve us as a guide. The problems that confronted the artist and the true-type committee were exactly the same as those confronting the breeder. The technique that they employed in solving these problems was the same technique that is used by the master-breeder. The master-breeder like the true-type committee first has to search out the most outstanding specimens of the breed and then skillfully blend them together to produce a more perfect and a more useful cow. As breeders this is our problem. Selection is our only tool.

When evaluating type and type defects it is highly important that we distinguish between those points that directly affect usefulness and those points that simply contribute to beauty. In this the score card is our best guide. The number of points allotted to each part of the anatomy is based upon what is considered to be the relationship of that particular part to usefulness. The allotment of 30 points to the mammary system is just a way of saying "No udder, no cow".

It is safe to say that breeders are in agreement that the udder is of first importance when evaluating the dairy cow. Breeders, however, are not in agreement on what constitutes a good udder. Through the years too many breeders and dairymen have come to associate a large udder with a lot of milk, and for this reason the large udder has come to be accepted as a necessity. Actually there is very little correlation between udder size and milk yield. On the basis of my experience I have come to rate the large udder as a serious type defect. The oversized udder milks out slowly, is more subject to injury and it does not last.

As good hand milkers become extinct and the industry moves towards complete machine milking, milking qualities become more and more important. In the past because of eye appeal we have fallen for the large udder with the long level floor. The shapeliness, however, of many of these udders depends upon the presence of a certain amount of meaty tissue. The presence of this meaty tissue increases the milking time and the udder seldom milks out completely by machine. The udder that possesses a sponge-like elastic quality with a minimum of structural tissue usually milks out quickly and completely with a milking machine. It is time therefore, that we emphasize udder quality that is correlated with productive capacity and milking quality.

A class for the best uddered cow in milk was added at most of our dairy shows. This class was designed to direct attention to the importance of the udder and to unify out thinking. It is an under statement of facts when I say that this class has failed to unify out thinking. When a dairyman who must make a living by milking cows sees a cow heading this class with a large udder that takes two or three times as long to milk out as he can spend milking one cow without the reward of a pail full of milk he goes home wondering who is trying to kid who.

I would like to see the premium taken off meat and put on milk. We breed, we feed and we keep cows because of the cow's ability to convert foodstuffs unfit for human consumption into the most complete and the most perfect human food. This being true why then don't we use this class to turn the spotlight on those cows that possess a modest sized shapely udder that milks out quickly and completely, that fills the pail and then looks like it has been milked.

Second in importance to the udder are legs and feet because bad legs and feet increase the amount of labor and care required, lowers productive efficiency and shortens the productive life. From my observation I must conclude that leg defects are becoming more common. At some of our shows in the last several years there have been classes of bulls where few if any of them could walk properly. If we would start disqualifying these cripples maybe we would discourage their use

Even with good legs and feet, care is important and with defects it becomes a necessity. Holding a big strong cow's foot up so that it can be properly trimmed is a job for one with a strong back and a weak mind. None of us would care to admit the weak mind but our failure to do the job is proof of the weak back. The accompanying photographs feature a simple foot trimming rack developed at Harden Farms that removes most of the back breaking work long associated with proper foot care.

Next in importance is quality and dairy character. The head should be clean cut and display feminine refinement and character. The neck should be long and thin; the top of the shoulder sharp, the rib open and long and the thighs thin. These things added together spell dairy character.

Size is desirable but is frequently over rated. Size at the expense of quality constitutes a fault. Remember productive size is not measured in pounds but by quality.

A high producing cow is doing several times the work of a draft horse so she must have constitutional strength. Look for a deep full fore rib with width in the chest floor. Those narrow chested cows tire easily and wear out fast.

At times all of us are guilty of looking but seeing only what we want to see. As breeders we should learn to appraise our herds with the eyes of a buyer and not with those of the owner.

Footnote: This material was presented by Dr. Harrison at the 1955 Massachusetts Dairy Seminar. It likewise covers part of the ground presented in the author's talks at the 1954 New York Breeders Institute Meetings.

A BANKER SPEAKS TO FUTURE FARMERS ON ...

How to Get and Use Credit

By RALPH HIGLEY, Cashier, The First National Bank and Trust Company of Walton Walton, New York, in Farm Finance

Editor's Note: Mr. Higley prepared the paper from which this is condensed primarily for a late teen-age group. We believe it has value for the files of county agents, vocational-agricultural teachers, bankers and credit men generally. Someday when they are called upon to address "Future Farmer" groups, the paper may furnish a foundation from which they can adapt a talk of their own.

More than 100 years ago, Daniel Webster said: "Credit has done a thousand times more to enrich mankind than all the gold mines in the world. It has exalted labor, stimulated manufacture, and pushed commerce over every sea." Living in the first half of the nineteeth century (1782-1852), Daniel Webster had no concept of the extent that credit would be used today, but even so, he held credit in high esteem.

During the past 50 years, and especially in the last 25 years, farmers as a group have come to use large amounts of credit also. This increase in farm credit has gone along with an increase in farm mechanization, farm improvements, and a rising price level.

Accordingly, every young man who is serious about being a farmer should become credit-minded now. You can't put it off. Your credit standing is being formed by the things you do today and every day, in school and out of school, at work or at play, for better or for worse, until death do you part.

All types of lenders are going to examine carefully each applicant for a loan. They will ask the purpose of the loan, the use to which the money will be put, how you will guarantee payment, when, and how much. They are going to investigate you, your background, reputation, ability, experience, and present situation. Unless all of these are favorable, you are likely to be turned down.

Even now, while you are still in school, you can start. The marks you make in classes; the way you act in school, avoiding scraps and trouble; the way you cooperate with your teachers; your honesty; your sportsmanship and your reliability all build your reputation. If a lender asks your school officials about you, how will you measure up? A few years ago I had occasion to inquire about a young man who was asking for $4,000 in credit. Here is the reply I got: "He is a good boy, hard worker, and reliable. He never ran around much like other boys. He has good personal habits." After a reply of this nature, I was not surprised when all the other inquiries of the grocer, the garageman, and the feed dealer, where he had had credit, were also favorable. This young man got the loan.

After you are through school, you will get a job. This is a crucial time in building your credit reputation. You will be getting a regular income. You must show that you can use your own money in a proper manner. Otherwise, you cannot expect people to let you use their money when you ask for credit.

A few weeks ago a young man came into our bank. He is 18 years old and through school. He is working for a farmer at $50 a week plus board and room. He could save up to $2,000 a year if he really set out to do so. In five years, when he is 23, he could have enough capital of his own to start farming. Any young man who demonstrates he has a desire to farm and a determination to sacrifice to reach his goal will get credit to help him get started. In addition to saving money, he will be learning to run a farm because only a good farmer on a good farm can afford to pay such wages, and he will be exposed to the best farm practices and management. He just can't help absorbing some of it if he is bright enough to earn wages of this amount.

In addition to thrift, you must continue to build your reputation for honesty, industry, reliability, and cooperation. Don't just be trustworthy with money. Give an honest day's work for your wages; be steady on the job and accept responsibility. Study your job so you can do it better and so you can gain your maximum experience to aid you at that future time when you may run your own business or farm.

Don't change jobs constantly. Many changes reflect on you. The consumer credit manager in a Binghamton bank recently told me: "We won't consider making a loan to a man who has changed jobs in the past year unless there is some unusual circumstance not of his own making." When you have been on a job for a year or more, a credit officer knows that you are a steady worker and that your work is satisfactory to your employer. He knows that you are likely to continue there, getting a regular income with which you can repay the loan. Seek year-round employment rather than seasonal jobs. Over our way the City of New York is building a water-supply reservoir. Contractors there pay large wages, $100 a week or more, for the summer months, but lay off the men during the winter. We don't like to make loans to these people because they have only an unemployment check for about four months of the year. This does not allow any money to pay debts during this period; we don't like to loan to seasonal workers.

There is a good chance that more than half of the first credit you will ask for will be to buy a car. It seems that a young man can't live without a car, or can't attract a young lady without one, or he needs it for his job, or for something. Young men think of a car as an essential, a necessity, a must. It ranks with food, clothing, and shelter.

Types of Loans

If you don't ask for a car loan, you will probably ask for another one of the class of loans known as consumer loans or consumption loans. The other class of loans is called producer loans or production loans. A loan which helps in the production or distribution of goods is termed a production loan. All other loans would be consumption loans. For instance, loans to buy tractors, trucks, stocks of goods to resell, or machinery for factories, would be production loans. Loans for television sets, refrigerators, washers, furniture, or pleasure cars, would be consumer loans.

Probably your first credit will be through a car dealer or an appliance dealer who will discount (sell) your contract (note) to a finance company or a bank. You may want to inquire how he handles his financing as it may make a difference to you. If he gives a discount for cash, it could well pay you to borrow direct from a bank and pay the dealer cash and get the discount. Again, if he finances with a finance company, it might pay you well to use a bank as costs of borrowing at a bank are usually lower. Costs of borrowing money (interest rates) are usually highest at personal loan companies and finance companies, with

(Please turn to page 28)

Our Great

Lifetime Producers

by H. W. Norton, Jr.

With more than 70,000 cows on official test in A. R. and Herd Test combined, individual lactation records accumulate rapidly and as a very high percentage of these cows are now on continuous test year after year in Herd Test, our list of great lifetime producers will continue to grow rapidly. In any analysis of our great lifetime producing cows, such as an examination of the list of 100,000-lb. milk producers, we must keep in mind the fact that we are considering only those with production officially recorded in the Association files in Advanced Registry or Herd Improvement Test. Under the A. R. testing system, even though a cow is tested every lactation which is quite out of the ordinary—she receives no credit for her production after 365 days in each lactation. Even in Herd Test there are many cows that fail to get full lifetime credit, as in the case of cows purchased from a herd not on Herd Test or sold into a herd not on Herd Test and cows already in production when a herd is entered in Herd Test. Only cows that spend their entire producing life in Herd Test herds receive full credit for lifetime production. We have no way of determining how many cows of our breed accumulated lifetime credits above a hundred thousand pounds of milk on test in the Dairy Herd Improvement Associations down through the years, as this information is not available for reference, but the number would run into the thousands. Then there are undoubtedly a great many cows in herds that are never tested for production that have actually exceeded 100,000 lbs. of milk during their lifetime trek along the milky way but their identity will remain unknown.

Many of these cows are still in production and will move to higher levels when their lifetime credits are finally written. With 70,000 cows on continuous test, this list of 100,000-lb. milk producers is growing more rapidly than ever before in the history of the breed, and new names are being added to the list month after month.

The production of 200,000 lbs. of milk seems almost incredible for any cow but 40 cows have already achieved this seemingly impossible goal, with 7 exceeding 250,000 lbs. The accompanying list shows the name and registry number of each of these cows, with her classification for type (if she was officially classified), number of lactations, total days in milk, total milk in pounds and total fat in pounds produced while under official test. These forty great milk producers had an average production of 226,572 lbs. milk and 7,695 lbs. fat for an average of 4,427 days in milk, or an average daily production of 51.2 lbs. milk and 1.74 lbs. fat for every day in milk throughout the life period. The number of lactations for these 40 great life records averaged 11 and ranged from 7 to 14 so that in these records we have a measure of production in milk and fat and at the same time something of a measure of reproduction. All but three of these cows calved 9 or more times during their lives.

This official list of 100,000 lb. cows now totals 4743, of which:

7 have exceeded 250,000 lbs.
33 others have produced between 200,000 and 250,000 lbs.
430 others have produced between 150,000 and 200,000 lbs.

4743 have exceeded 100,000 lbs. of milk on official test.

200,000-lb. milk cows

	No. Lacts.	Days in Milk	Milk Lbs.	Fat Lbs.
Pansco Hazel 1817843 (EX)	13	4919	281,193	10,599.1
Genodale Pride Ormsby 1802317 (EX)	13	5193	271,903	9,228.6
Ionia Ormsby Queen 1467685 (VG)	12	4790	267,304	8,600.6
Essex Suzone Susie 1845181 (VG)	12	4733	260,142	7,949.6
Ionia Marathon Texal 1388134 (VG)	9	5335	260,137	8,255.9
Penstate Veeman Josie 1611012 (EX)	13	5394	257,202	8,154.6
Ormsby Inka Pontiac Girl 1846331	13	5548	257,013	9,499.4
Essex Suzone April Belle 1408871 (VG)	11	4504	248,183	8,357.9
Ionia Aaggie Sadie Vale 1145696 (EX)	8	4100	247,239	7,863.5
C S P F Bess Homestead 2d 1808432 (VG)	10	4662	245,359	7,670.8
Farmington Klaartje Pontiac 1074913 (GP)	12	4570	241,438	8,492.5
Essex Susie Sweet 1347094 (EX)	11	4039	240,411	7,057.7
*Essex Suzone Ida 1849120 (GP)	11	5098	237,152	8,290.6
Veeman Ona 1683932 (GP)	12	5002	237,034	7,995.1
Pontiac Marathon Jura 1457630 (VG)	12	5390	233,089	7,564.0
S P S M Alda Korndyke Othello 2041295 (GP)	13	4315	233,020	7,692.4
Reformatory De Kol Sensation 1240792 (GP)	11	4595	230,030	7,367.2
La Vertex Quantity of U Neb 724068	10	3650	228,880	8,509.8
Iowana De Cola Ollie 3d 757828	10	4306	225,921	7,606.9
Vernway Homestead Allie 1695814 (EX)	13	5136	220,400	7,868.0
Willeben Johanna Belle Ona 1714531	14	4616	217,606	7,537.2
*Johanna Aaggie Ona Pride 1907271 (GP)	13	4607	217,085	6,650.4
Maryland Johanna Colantha Matador 1395640	10	6597	215,771	6,998.5
Highfield Colantha Mooie 508736 (EX)	12	4380	215,176	7,435.8
Ypsi Traverse Rose 1930169 (VG)	12	4334	212,050	7,003.1
*Fama Sallie Rock River 1688466 (VG)	10	4287	210,625	7,577.9
Fanny Zuba Rock River 1805198 (EX)	10	3954	209,416	7,448.9
*Dunloggin Mistress Ruth 2067265 (EX)	7	3414	208,269	6,783.8
Reformatory Norwich Sensation 1344344 (GP)	11	4553	207,714	6,790.9
Reformatory Miss Sylvia Aaggie 1434457 (VG)	9	3750	206,957	6,683.7
Reformatory Century Aaggie 694834 (EX)	9	3642	206,549	7,379.8
Farfields Princess Ollie May Echo 2007339 (EX)	9	3451	203,812	7,001.4
U N H Perfection Echo 1978325 (VG)	12	4193	203,088	7,841.6
Shiawana Mutual Fobes Colantha 1994926 (VG)	13	4182	202,890	7,639.0
Cherokee Ormsby Lill 2d 1326806	11	4277	202,825	6,948.7
*Ceydermead Belle Ollie Pride 1995657	10	3851	201,884	7,625.1
Oregon Inka Bess Mae 1787031 (VG)	11	4270	201,778	6,380.7
Tilly Alcartra 123459	9	2720	201,138	6,252.9
SX Colantha Westview 1315576	9	3815	201,135	7,664.2
Traverse Colantha Walker 361604	9	3016	200,115	7,526.1
Totals	**438**	**177,098**	**9,062,873**	**307,704.0**
Av. per cow	11	4,427	226,572	7,694.9
Av. per cow per day			51.2	1.74

* Life record not yet completed.

Dam-Daughter Combinations of 100,000-lb. Cows

Examination of the list for 100,000-lb. cows with one or more direct generations of descendants with 100,000-lb. records showed 664 combinations of two generations, 66 three generations, 9 for four generations and one for five generations of cows—each having more than 100,000 lbs. of milk to her credit as follows:

2-generation combinations total 664, including:

Many of these groups of several generations of 100,000-lb. milk producers have additional daughters, grand daughters or great granddaughters not included in the totals shown which apply to the single direct line only. For

example, the cow Cragdale Valentine Skylark Ormsby has 8 direct descendants through the female line in the 100,000-lb. list, making a family group of 9 counting the old cow herself and these 9 cows have a total lifetime production officially recorded in our files of 1,147,750 lbs. of milk and 42,720.8 lbs. of butterfat, a phenomenal family record. Another important fact noted in connection with these 9 cows is their type classification record—2 "Excellent", 6 "Very Good" and 1 "Good". The Essex Riverside Beauty Sweet family of 8 cows has a total of 1,120,369 lbs. milk and 38,919.5 lbs. fat. This group includes 4 "Very Good" and 3 "Good Plus", the old cow herself not being classified. The Penstate Veeman Josie family has a total production of 994,824 lbs. of milk and 35,022.4 lbs. fat for 6 cows with classification ratings of 3 "Excellent, 2 "Very Good" and 1 "Good Plus". The Zuba Amarilla King De Kol group of 6 cows with the remarkable type ratings of 4 "Excellent" and 2 "Very Good" has a total recorded production of 977,889 lbs. of milk and 35,042.3 lbs. of butterfat. In speaking of any of these groups as families we should be sure to remember that only cows with production in excess of 100,000 lbs. of milk officially recorded are included in this discussion.

While we were examining files for these various groups of 2 or more generations of 100,000-lb. cows, we checked for 100,000-lb. cows with 2 or more daughters with 100,000-lb. records. We found 91 dam and 2-daughter combinations 12 dam and 3-daughter combinations and 4 cows with 4 such daughters each. No attempt was made to locate dams with 100,000-lb. daughters when the dam herself was not a 100,000 lb. cow. There are quite a number of such dams but we made no effort to locate them.

Ionia Aaggie Sadie Vale has one granddaughter with a record of 131,434 lbs. milk and 4612.8 lbs. fat and classified "Very Good". Including this granddaughter, the family of six has a total production of 1,053,390 lbs. milk and 34,911.2 lbs. fat, with classification ratings of 2 "Excellent, 2 "Very Good" and 2 "Good Plus".

Many other interesting sidelights could be added to this discussion of our great lifetime producers but space does not permit and we fear that the editor might use his blue pencil, so we will close here. We let the figures speak for themselves.

(Data compiled January 27, 1955)

	Combined Milk Lbs.	Total Fat Lbs.
Dam and 2-daughter combinations total 91, including:		
Ionia Aaggie Sadie Vale 1145696 (EX)	628,714	20,335.5
Essex Susie Sweet 1347094 (EX)	621,919	19,064.2
Penstate Veeman Josie 1611012 (EX)	580,959	19,064.2
Fanny Zuba Rock River 1805198 (EX)	562,888	20,514.5
Reformatory Century Aaggie 694834 (EX)	544,767	19,096.6
Essex Suzone April Belle 1408871 (VG)	529,165	18,313.7
Essex Suzone Ida 1849126 (GP)	508,946	18,632.4
Pansco Hazel 1817843 (EX)	505,660	18,575.1
Penstate Veeman Happy 1833094 (EX)	492,245	18,116.9
Maryland Johanna Colantha Matador 1395640	489,644	16,223.7
Dam and 3-daughter combinations total 12, including:		
Ionia Aaggie Sadie Vale 1145696 (EX)	779,596	25,398.1
Maryland Johanna Colantha Matador 1395640	618,476	20,629.1
Vernway Piebe Ideal 1433259 (EX)	604,642	19,381.2
Penstate Veeman Happy 1833094 (EX)	602,968	22,414.4
Segis Lass Traverse Hengerveld 1463694 (GP)	602,291	19,659.3
Cherokee Hengerveld Fobes 2d 1400137	560,198	19,644.9
Cragdale Valentine Skylark Ormsby 766079 (VG)	536,876	19,742.0
Kelco Korndyke Piebe 1818204 (VG)	526,988	17,748.6
Peggy Inka Caesar of N S H 1472510	516,686	17,390.9
Manfdell Prilly Lass 1743948	505,210	18,068.6
Dam and 4-daughter combinations total 4, including:		
Ionia Aaggie Sadie Vale 1145696 (EX)	921,956	30,298.4
Maryland Johanna Colantha Matador 1395640	723,012	23,858.5
Cragdale Valentine Skylark Ormsby 766079 (VG)	640,347	23,431.1
Kelco Korndyke Piebe 1818204 (VG)	627,160	20,941.9
The top group of dam and 4 daughters:		
Ionia Aaggie Sadie Vale 1145696 (EX)	247,239	7,863.5
Ionia K B K O Sadie Vale 2177521 (GP)	189,344	6,209.3
Ionia Marathon Aaggie Sadie Vale 1860986 (GP)	192,131	6,262.7
Ionia Marathon Sadie 1510447 (EX)	150,882	5,062.6
Ionia Marathon Sadie Vale 1388132 (VG)	142,360	4,900.3
Total	921,956	30,298.4
Cow and Daughter Total:	**Milk**	**Fat**
Essex Susie Sweet 1347093 (EX)	500,553	15,007.3
Penstate Veeman Josie 1611012 ((EX)	446,305	14,610.8
Ionia Aaggie Sadie Vale 1145696 (EX)	439,370	14,126.2
Ionia Aaggie Sadie Vale 1145696 (EX)	436,583	14,072.8
Ionia Ormsby Queen 1467685 (VG)	415,183	14,061.4
Reformatory Century Aaggie 694834 (EX)	413,506	14,063.5
Pansco Hazel 1817843 (EX)	405,481	14,780.2
Quality Lincoln 348248	403,763	14,491.9
Essex Suzone April Belle 1408871 (VG)	401,693	13,714.0
Fanny Zuba Rock River 1805198 (EX)	400,589	14,643.9
Highest combination in the 2-generation group is:		
Dam: Essex Susie Sweet 1347094 (EX)	240,411	7,057.7
Daughter: Essex Suzone Susie 1845181 (VG)	260,142	7,949.6
Total	500,553	15,007.3
3-generation combinations total 66, including:		
Penstate Veeman Josie 1611012 (EX)	608,221	20,508.6
Ionia Aaggie Sadie Vale 1145696 (EX)	568,017	18,685.6
Zuba Amarilla King De Kol 1568173 (EX)	544,366	19,426.9
Essex Suzone April Belle 1408871 (VG)	525,046	18,922.1
Essex Sweet Segis 1326047 (VG)	495,171	17,367.0
Quality Ormsby Walker Bess 1966183 (VG)	487,707	16,930.7
S P S M Miss Alice Othello 1867587 (GP)	481,927	17,363.2
M S P Alice Korndyke 1503743 (GP)	481,882	17,179.9
Cherokee Ormsby Lill 859798	475,205	16,039.3
Springsyke Pontiac Reekamoole 1147499	472,738	14,938.2
Highest combination in the 3-generation group—		
Dam: Penstate Veeman Josie 1611012 (EX)	257,262	8,154.6
Daughter: Penstate Veeman Happy 1833094 (EX)	189,103	6,456.2
Granddaughter: Penstate Burke Happy 2089541 (VG)	161,916	5,897.8
Total	608,221	20,508.6
4-generation combinations total 9—		
M S P Alice Korndyke 1503743 (GP)	617,381	21,714.9
Essex Jocko Beauty 1540818 (VG)	548,303	19,453.8
Cragdale Valentine Skylark Ormsby 766079 (VG)	546,652	20,599.1
Ionia Alpha Paul 1233726 (GP)	543,407	17,666.5
Friend Pietertje Gelsche Korndyke 377419	526,916	17,158.2
Essex Riverside Beauty Sweet 1259167	520,900	17,539.0
Aaggie Posch Segis Fayne 976742	497,682	16,711.0
Lady Johanna Piebe Korndyke 1616487	486,783	17,005.6
Ionia Aaggie Sylvia 1070263 (GP)	466,657	16,332.9
Highest combination in the 4-generation group—		
Dam: M S P Alice Korndyke 1503743 (GP)	135,454	4,351.7
Dtr.: S P S M Miss Alice Othello 1867587 (GP)	163,951	6,049.0
G.Dtr.: S P S M Bessie Alice Othello 1990234 (GP)	182,477	6,779.2
G.G.Dtr.: S P S M Osborndale Othello Alice 2413954 (GP)	135,499	4,535.0
Total	617,381	21,714.9
5-generation combination:		
Dam: Essex Riverside Beauty Sweet 1259167	126,807	4,121.5
Daughter: Essex Jocko Beauty 1540818 (VG)	161,384	5,129.1
G.Daughter: Essex Dandy Beauty 1742341 (GP)	116,149	3,920.2
G.G.Daughter: Essex Moole Beauty Design 2052476 (GP)	116,560	4,368.2
G.G.G.Daughter: Essex Suzone Last Lady 2303578 (VG)	154,210	6,036.3
Total	675,110	23,575.3

EDITORIAL

Production is Our Business

Brattleboro reported some time ago receiving a request from a breeder not to publicize his herd records in his county papers. His reason—a fear of criticism for producing so much milk in a period of so-called over production.

At a recent milk hearing a breeder of another breed remarked to me half in jest that if there were not so danged many Holsteins in New York State, we wouldn't be having these milk problems at all. My answer of course was that we would be substituting a milk famine, which would be much worse.

No Holstein breeder need ever make excuses for high production. Only by high production per cow and efficient management can any dairyman maintain his standard of living in the present price squeeze. The situation cries for more rigid culling of dairy herds and better care of those that remain and in many cases replacing culls with a smaller number of higher producing cows. The figures on the relationship of profit to production per cow are well known. They are emphasized as never before in the present situation.

It is the dairyman who is struggling along with low producing cows that should be hesitant to have his production figures publicized. It should be obvious that no milk price structure can or should be set up to bail him out. There are some things he needs to do for himself.

First, he should review his management and feeding practices. Perhaps he isn't doing as well as he really knows how. Also it is undoubtedly true that few dairy herds are free of cows that are not earning their keep. It is their production in the aggregate that is setting up that small surplus that operates to depress prices in some dairy markets.

Production, however, is not the whole story. Every dairyman has an obligation to support the marketing organization that is working for him, and also the agencies that are doing such yeoman work in promoting the greater use of milk and dairy products.

These include your local dairy council and the American Dairy Association. With the money which dairymen are now contributing they are stepping up their programs to a point where now we see and hear their work on every hand. The milk and milk product ads appearing in the big national consumer magazines bring the milk story into millions of homes. A particular ten strike is the sponsorship of the sensational Disneyland Show on television, which has rapidly hit the top rating. It appeals to both old and young.

The results can already be seen in these encouraging signs:

1—Fluid milk consumption last year went up.

2—Butter consumption increased.

3—Total sales of dairy products showed an up-turn.

With better selling of our product, and the steady population growth, we are already finding a trend toward a better balance of consumption and production. We predict that it will not be too many years before our problem will be to supply enough of our products to meet the demand. It is the best possible time right now to take steps to raise the productive level of our herds—per cow. Not how many but how good, should be the concern of every dairyman.

Red Cross

The American National Red Cross—the great symbol of help in time of disaster—is now closing its annual financial drive. This useful organization deserves your fullest support—both in cash and blood donations.

If by any chance, dear reader, you have been missed in your local Red Cross canvas, we urge you to volunteer your help. You will gain satisfaction from the knowledge that your contribution will be put to good use.

Spring Clean Up

Before the outside work becomes more pressing, give thought to a good clean up of accumulated rubbish around your premises.

It will pay dividends in several ways. The appearance of your property will be improved, fire hazards will be lessened, accident hazards will be reduced. It is a good time too to make a careful pick-up of scrap metal, discarded machinery, etc. Prices are higher right now than they have been for some time.

(P. S.) We found this out the hard way! (See below)

Fire Strikes World Office

On Monday afternoon, March 21, within minutes after the editorial above had been written, fire struck our own printing plant and office building. Origin—a rubbish heap outside the building that had accumulated during the winter and was about to be drawn away.

The interior damage was principally from water from the sprinkler system (which saved the building from much greater damage) and the five fire companies which helped to bring the fire under prompt control. Printing machinery was little damaged as it was quickly protected by water-proof covers and the plant was back in substantially full operation by Tuesday afternoon. The WORLD offices with their vulnerable contents—books and papers and office equipment and valuable archives—suffered considerable damage, not yet fully appraised as this is written. We feel thankful it is no worse as with different timing it could so easily have been a complete disaster.

WORLD OFFICE AND CORSE PRESS BUILDING
Moments after the outside fire was discovered March 21. Only heroic efforts by firemen with the assistance of automatic sprinklers kept inside fire damage to an absolute minimum. Photo by Tracy Killam

Practices Found Helpful in Mastitis Control

Results of a statewide investigation of causes and controls of mastitis indicate clearly that serious outbreaks of this disease can be prevented by means available to most dairymen. Individual cases can be reduced to an almost negligible number but not by any single means nor without careful study of conditions and some sacrifice on the part of the herdsman. Practices found helpful in controlling udder trouble in general are:

1. Removal of susceptible blood lines, male and female, from the herd. Physical tendencies toward mastitis evidently are heritable.
2. Employment of dairy barn helpers who are interested in their work and are considerate of cow comfort.
3. Proper use of milking equipment that is kept in good repair.
4. Prevention of exposure of the dairy herd to low temperatures and cold winds out of doors, and to drafts in stables. Keep cows from lying down on cold ground, bare concrete floors, or rough surfaces.
5. Alert awareness of the dangers of injury especially to udders and teats.
6. Special care during drying, calving, and immediately after calving.
7. Reasonable feeding of concentrates.

Practices of Doubtful Value in Mastitis Control

In recent years rigid sanitary recommendations for mastitis control have been fashionable in dairy circles. Widespread observation coupled with extensive laboratory tests have failed to show that these practices have practical value in herd management, however necessary sanitation may be in the production of clean milk. In general, such recommendations have been:

1. Subject carefully drawn milk from all animals to laboratory examination.
2. Classify all cows in the herd on the basis of these findings.
3. Eliminate or segregate all shedders of **Streptococcus agalactiae.**
4. If segregation or disposal of all cows subject to mastitis is impractical:
   (a) Place nonmastitic animals at the head of the milking line and those chronically or currently suffering from the disease at the end to be milked last.
   (b) Make routine cleansing of stalls and gutters with disinfectant a daily chore.
   (c) Use a bactericidal agent on udders and teats before milking.
   (d) Apply disinfectant to teat cups each time before use.

Although these practices seem based on sound reasoning, they have brought slight if any relief from mastitis even when rigidly enforced.

SOME CONCLUSIONS ON

Mastitis Control

by J. J. Reid

Workers in Dairy Extension and in the Department of Veterinary Science and Bacteriology cooperating in a 10-year program of observation and research in causes and controls of mastitis recently completed their studies. The accompanying summaries of their findings appear in a more extended form in Bulletin 581-P of this Station.

During the course of this work, 46 herds including more than 2,000 cows were subjected to investigation. This investigation of causes and controls of mastitis was far too broad in scope to report in a brief item, but certain findings are of especial interest:

(1) A majority of cows in the University Jersey herd found suffering from udder trouble during their first two lactations were daughters of Imported Dreaming Cowslip, a sire which left a trail of mastitic offspring wherever he went. Similarly, those cows in the Holstein herd which suffered most severely from mastitis belonged largely to certain blood lines. The Brown Swiss and Ayrshire herds were relatively free from this disease. Blood lines in the Guernsey herd were not sufficiently well defined to indicate tendencies.

(2) During the war years, the efficiency of the dairy barn help at the University barns gradually declined and numbers of cases of mastitis rose. Poor milking practices and disregard for the comfort of the cows seemed to cause the trouble. When the war was over and more dependable help was obtainable, mastitis became less prevalent.

(3) In addition to poor milking practices, equipment on many farms was found faulty. In all cases where the vacuum pressure and the pulsation rate of the milking machine were adjusted, worn rubber parts replaced, and a managed milking program was initiated, the mastitis level of the herd was lowered.

(4) Udder trouble in certain dairy herds was found to afflict cows occupying drafty stalls. In other cases, outbreaks occurred where milking herds were allowed to lie on cold ground out of doors at night too late in the fall or too early in the spring. Udders of high producing cows which were allowed to come in contact with cold bare ground or concrete were found in danger of congestion.

(5) In numerous instances, cases of mastitis could be traced directly to known injuries of udder or teats. Treatment by persons other than veterinarians often led to serious udder trouble particularly when udder infusions were attempted.

(6) Cows should be prepared for drying by reduction of feeds which stimulate milk production and in some cases by lowered water supply. Regular milking should continue until the milk flow has been lessened. Susceptibility of the udder to injury from chill winds, drafts and cold floors was found greatest immediately before and after calving.

(7) Individual cows in which mastitis could be induced by liberal feeding of concentrates were found in herds on farms. Later investigation revealed the importance of sound judgment in feeding dairy animals according to their ability to produce. With certain cows, mastitis reappeared with regularity within a few days whenever they were fed too freely.

Note: The author is at The Pennsylvania State University.

(Coninued from page 23)
production credit associations, individuals, insurance companies, and banks usually in the lowest cost group.

Don't ask for credit to purchase an article until you have enough cash of your own to make a reasonable down-payment. No lender is going to buy a car and just turn it over to you to run. You will have to pay a third or more of the cost from your own money. Why should he risk his money if you have none to risk? Besides that, the more you pay down, the less you have to borrow which means smaller interest charges and smaller payments.

Save when you are young. The years will pass swiftly. Then, when you find yourself well on, you'll find yourself well off. —John D. Rockefeller

Keep payments to a size you can handle from your income in a reasonable time. Two years should be long enough for a new car, 18 months for a good used car, and 12 months for an older model. A good measure of the amount you can afford to pay on a contract is the monthly amount you have been putting aside for savings. If you haven't been saving anything, you can't pay anything, and better plan to do without.

When you get a loan, make every payment on time or ahead of time. Late payments cause extra work for the lender and he begins to worry. If you are late regularly, the next time you ask for credit you may be turned down.

I would suggest that you get one thing at a time. Sometimes we get two or more contracts from one person. How he makes the payments is a puzzle. We often find that he is forced to go to a personal loan company where he pays up to 30 per cent interest for a loan to make payments, and then he has still another payment. Some people don't seem to realize that there is a limit to their ability to pay.

Recently a man came to us for a loan. He was paying for cows, for a tractor, for a television set, for a barn cleaner, and for shingle sidewalls on the house. The five payments totaled $255.75. We declined his invitation to make it six.

Every week or so some young man comes in to discuss buying a farm. It takes a large amount of capital today, much more than ever before, much more than twice as much as your father needed back in the 1920's or four times as much as your grandfather needed. Even so, capital needed today is no larger in comparison to wages than it was 25 or 50 years ago. It never has been easy to start farming. For years the most common road to farm ownership has been as hired man, then tenant farmer, and then owner.

During the past 15 years several changes have occurred to alter this common route. Farm wages have risen so much that it has been cheaper to mechanize than to pay hired labor. Mechanization has caused larger units and fewer farms. It has also allowed older men to continue operating their farms. Because of this, the opportunity to work as a hired man and then as a tenant has decreased. Besides that, many young men want to start right in as owners anyway. There has been a tendency to request from lenders almost all of the capital needed to start farming. This has been especially true of folks from the metropolitan area.

Somehow city folks get the idea that all they have to do to get rich is buy a farm and watch the money roll in, and often they know so much about farming that they can't be told anything. They know all about it; they spent two weeks on a farm one summer vacation while a school boy. They've had farm experience. All they need, they say, but we don't think so. We won't make a loan to inexperienced people in farming or in any other business.

If you want to get started in farming, you must get experience as a farmer. You can't get farm experience in a factory. Perhaps you can get money there to buy a farm, but you can do just as well on a farm. I know this is so because young men are starting farming every day. These are young men who have had as their one aim and purpose the acquisition of a farm. They have worked for it, they have sacrificed for it, and they have had determination to carry through. They have built a good reputation for honesty and reliability, for paying debts, and for managing their money. They have real farm experience and they know what they can do. They have no trouble getting credit.

Here are a couple of examples: About 12 years ago a man and his wife with their two sons, who were both young men, rented a farm near Walton. They worked hard to build up the farm and the herd of cattle. They saved their money and gained experience. A few months ago they bought the farm, 70 head of stock, and the machinery. They had $16,000 of their own money to pay down. Half a dozen lenders offered to finance the other $10,000 needed, and when they want more, they can get it quickly because we know they know how to use credit.

About three years ago a young couple (in their thirties) came out of Brooklyn, inexperienced but with a desire to own a farm. They had about $5,000 which they had saved, so we knew they were thrifty. They bought a small farm with fair buildings. The former owner took a conservative mortgage. We refused to loan them money for stock or tools because of lack of experience. We carefully told them why we turned them down. We made suggestions, and being one of the exceptional city families, they followed them.

The first summer the husband got a job on a railroad. He set aside money every payday for mortgage payments, taxes, and insurance. That winter he was laid off and only drew $26 a month for several months. They continued to save their money for mortgage payments and taxes, and during this period they lived on less than eight dollars a week, two adults and two children. He helped farm neighbors do their chores in order to gain farm experience. In the spring he got another job. His old car was worn out, so he bought a light truck. He had no trouble getting credit.

Later he came to us again for a loan to get cattle and machinery. We talked it over again. We showed him what the payments would be. He decided he couldn't make the truck payment and a payment on cows at the same time. He decided to wait. Meantime he has started some young stock, growing them from calves he picked up from neighbors. He now has two cows and seven head of young stock. He has shown us he is thrifty, a hard worker, knows how to handle his money and has gained some experience. We know he will sacrifice in order to pay his debts. He can get credit from us whenever he decides he wants it.

I have tried to show that credit is an important tool in agriculture.

Credit is an amazing tool. It can create wealth or destroy it. Credit can buy happiness but it often brings sadness. Credit helps one man to become a giant, another a slave.
—A. H. Trautwein

Building a credit reputation is an important job which you must work on all the time. Those people who show they know how to use credit and demonstrate that they are worthy of credit will have no trouble getting credit. I hope that each one of your folks will be among them.

Farm Finance, the publication from which this article is taken, is the house-organ of the Federal Land Bank of Boston, edited by Holstein enthusiast Louis Zehner.

← *Her Grandson* — **Sutten Oaks Var Monty** was our former sire, left us 17 nice daughters. He was a son of Dunloggin Strathvar (son of Mistress Ruth) and from Sutten Oaks Sexton Claremont, 735 F. - 2X - 305d - 4½ years. These Monty daus. have wonderful disposition, real udders, doing very well, the oldest in production 266 F. in 121 ds. 2 yrs.

DUNLOGGIN MISTRESS RUTH (EX)
Just announced as the winner of the Massachusetts living lifetime milk production contest with 233,958 M., 7,683 F. at 15 yrs. (See Cover).

Special —
The baby son of Naches Princess Pearl (see p. 35 March 19 World)—currently she has in 49 days, 3359 M., and 169.6 F. 2X; her daughter has 94.6 F. in 48 days at 2y 0m. This calf is sired by C Ranch G R Rudy whose dam is just finishing with over 700 F. in 10 months. Write for price and pedigrees.

Naches Holstein Farm

CLAYTON F. ALLARD
YAKIMA - Route 8 - WASHINGTON

NEWS FROM AN OHIO HERD

Earle Peters and Sons, Freemont, R.2, Ohio, have been breeding good Holsteins for many years. Mr. Peters sends us the accompanying pictures of some of their top cows and a little information regarding the herd. They have been testing for many years in DHIA. The herd average for 1953 in DHIA was 13,324 lbs. milk, 443 lbs. fat.

Two cows that have had quite an influence on the herd were a pair of maternal sisters, Mulberry Lane Inkarnation Pearl, and Matchless Inkarnation Susie. Susie who is now dead had a lifetime record of 106,995 lbs. milk, 3,668 lbs. fat and was the dam of seven daughters. One of her daughters, Mulberry Lane Korndyke Molly, milked as high as 98.1 lbs. in a day and will have over 100,000 lbs. of milk in her present lactation. Another daughter, Mulberry Lane Matchless Pontiac, was F.F.A. champion in 1952 and 1954 at the Sandusky County Fair and also the highest producer in the Junior Fair in 1954. Pontiac in turn had a daughter, Erlin Rovar April Belle, that was first prize 3-year-old in the open class and grand champion of the Junior Fair at their local fair in 1953.

The other maternal sister, Pearl, has made several records above 500 lbs. and will have a 4½ lactation total of 75,000 lbs. milk and 2500 lbs. fat. Both Pearl and Susie were classified Good Plus.

Another valued member of the herd is Violet Jonabel Hartog, classified Very Good and grand champion cow at the 1954 Sandusky County fair. She made 17,932 lbs. milk and 572 lbs. fat at 2 years, 11 months and should make close to 650 lbs. in her present lactation for the full year. She is bred to Creston Twenty Grand and they are hoping for a bull for future use.

TRICHOMONIASIS TREATMENT

Valuable bulls infected with trichomoniasis can be restored to service by proper treatment, reports Dr. John F. Christensen, University of California veterinary scientist.

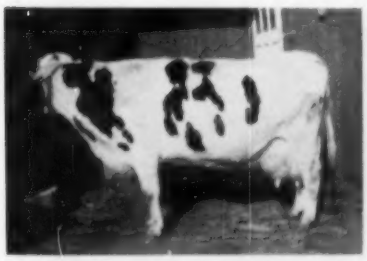
The infection, which causes abortion in cows, often has caused high-grade breeding animals to be sold for slaughter, he remarked.

"There is definite justification for treatment, and it can be done on a practical basis by a veterinary practicioner," said Christensen.

Since the two-way treatment, sodium iodide given intravenously and bovoflavin salve, requires repetition, Christensen suggested that taking the animal to a hospital may be more practical than on-the-farm treatment.

Christensen cited the case of a $6,000 dairy bull that had been sold for $350 when he became infected with the abortion-causing organism. A veterinarian undertook treatment of the animal in cooperation with the University veterinary clinic at Davis. Since treatment, said Christensen, the bull has bred 100 cows without recurrence of infection and with no abortions.

Experiments at Davis with trichomoniasis treatment have been the work of Christensen with M. C. Mahoney, Petaluma veterinary practicioner, and James Steere, former student in the School of Veterinary Medicine, who is now practicing at Oregon City, Oregon.



MATCHLESS INKARNATION SUSIE (GP)
A 100,000 lb. brood cow in the herd of Earle Peters and Sons, Fremont, O.

VIOLET JONAELL HARTOG (VG)
Grand champion at the 1954 Sandusky County, Ohio, Fair; making about 650 lbs. this year in DHIA. She is bred to produce the next Peters herd sire. The picture shows her winning her class.

MULBERRY LANE INKARNATION PEARL (GP)
Maternal sister of Matchless Inkarnation Susie. In 4½ lactations she has 75,000 lbs. milk and 2500 lbs. fat, DHIA. Earle J. Peters and Sons, Fremont, O.

"Enchantress" Son →

GOES TO WISCONSIN STATE PRISON HERD, WAUPUN

Wis Master Ace is the son of Wis Ideal, All-American and Res. All-Am. and his dam is Wis Enchantress the cow pictured in the three generation group in our ad of December 4 and mentioned again in the issue of February 19 when we called attention to the newly completed record of "Enchantress."

WIS MASTER ACE
Son of Wis Ideal from Wis Enchantress, 1,015 F., 24,816 M.

In the state prison herd at Waupun, Wis Master Ace will be used in linebreeding on granddaughters of Wis Ideal through sons of Wis Progressor and Wis Masterpiece now in service there. The Wisconsin State Prison has a fine herd and it stands out well in comparison with our other Department herds. "Enchantress" is sired by Weber Wyo Burke Bubbler from Wis Blackberry, 865-lb. daughter of Weber Burke Cyclone, the sire of Wis Ideal.

Wisconsin State Department of Public Welfare

State Capitol, MADISON, WISCONSIN — **W. W. KINYON, Farm Supervisor**

HEIFERS! HEIFERS! HEIFERS!

— Sired by this Res. All-American —

PABST WALKER REBRIGHT 1159161
Res. All-American Sr. Yrlg., 1953; Nom. for All-American 2-yr-old, 1954. A Preferred Pedigree Sire by Pabst Roamer Dean Walker Lad (Ex-GM) from the 965-lb. Pabst Rebel Eyebright (VG).

NORTH SIDE STOCK FARM

Certified Established 1911 Accredited

Alson D. Weller & Son

Lowville, New York

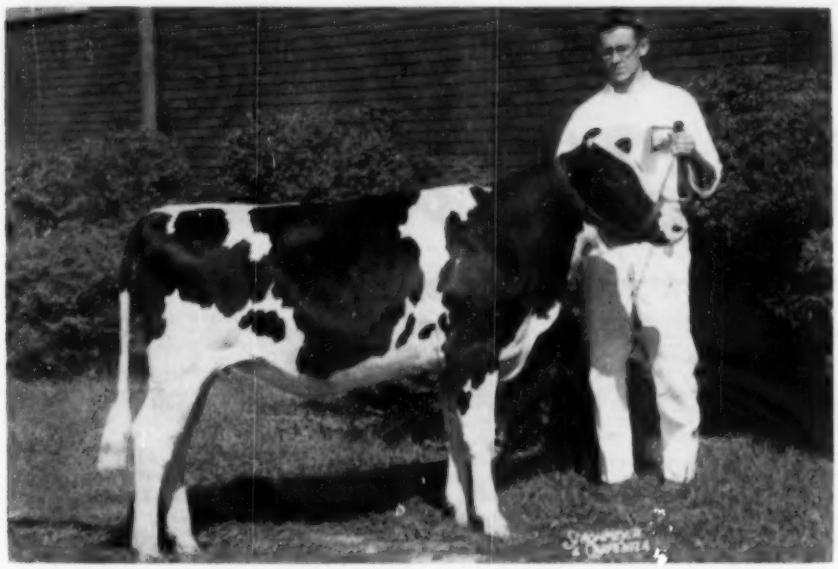
for sale

. . . And They Are Nice . . .

We have been so lucky in getting heifer calves that we must sell several. Most of these are from dams by our well proven AJAX son — they have records from 530 fat at 2-yr-old to 750 fat as mature cows — all records 2X HIR.

WE WILL SELL REBRIGHT DAUGHTERS FROM ONE MONTH TO A YEAR OLD — THEIR TYPE IS EXCELLENT, ESPECIALLY STRONG IN RUMP AND LEGS.

JUNIOR GET OF PABST WALKER REBRIGHT
2d prize at N. Y. State Fair, 1954, in spite of their young ages. The REBRIGHT calves are uniformly good.



RICHMAN TEXAL ORMSBY ELLEN
First in F.F.A. Calf Class and 4th in Open Class at Ohio State Fair, 1954.

45ths for Future Farmers

FUTURE FARMERS OF AMERICA TAKE NOTE!

Dick Indoe of Richman Farms, Lodi, Ohio, can well be proud of the calf he is showing.

Richman Texal Ormsby Ellen is by a son of Milk & Honey Alarm, he a well proven son of Newmont Aristocrat, Excellent and Gold Medal. Ellen will be bred to another 45th bred bull at Richman Farms.

A sister to Ellen's sire by Alarm was first 2-year-old at Medina, Ohio Fair in 1953. She made 11,991 lbs. milk, 469 lbs. fat in 326 days 2X as a 2-yr-old and now has 365 lbs. fat in 124 days 2X at 3 years.

THE 45ths AT RICHMAN FARMS ARE WINNING IN THE SHOW RING AND IN PRODUCTION WITH HIGH TEST.

THEY WILL MAKE GOOD FOR JUNIOR BREEDERS OR THEIR DADS

J. S. JOHNSON
Cedar Lane Farm
OLDWICK, N. J.

J. P. BENDER
COOPERSBURG, PA.

H. P. HOOD & SONS
BEVERLY, MASS.

HURLWOOD FARMS
Ashley Falls, Mass.

45th BREEDERS

GREAT BROOK FARMS
Farnham W. Smith
CARLISLE, MASS.

F. M. WIGSTEN
Highline Farm
PLEASANT VALLEY, N. Y.

T. H. BENTON
BLAIRSTOWN, N. J.

RICHMAN FARMS
LODI, OHIO

MAY 16 and 17

The Wait Farms

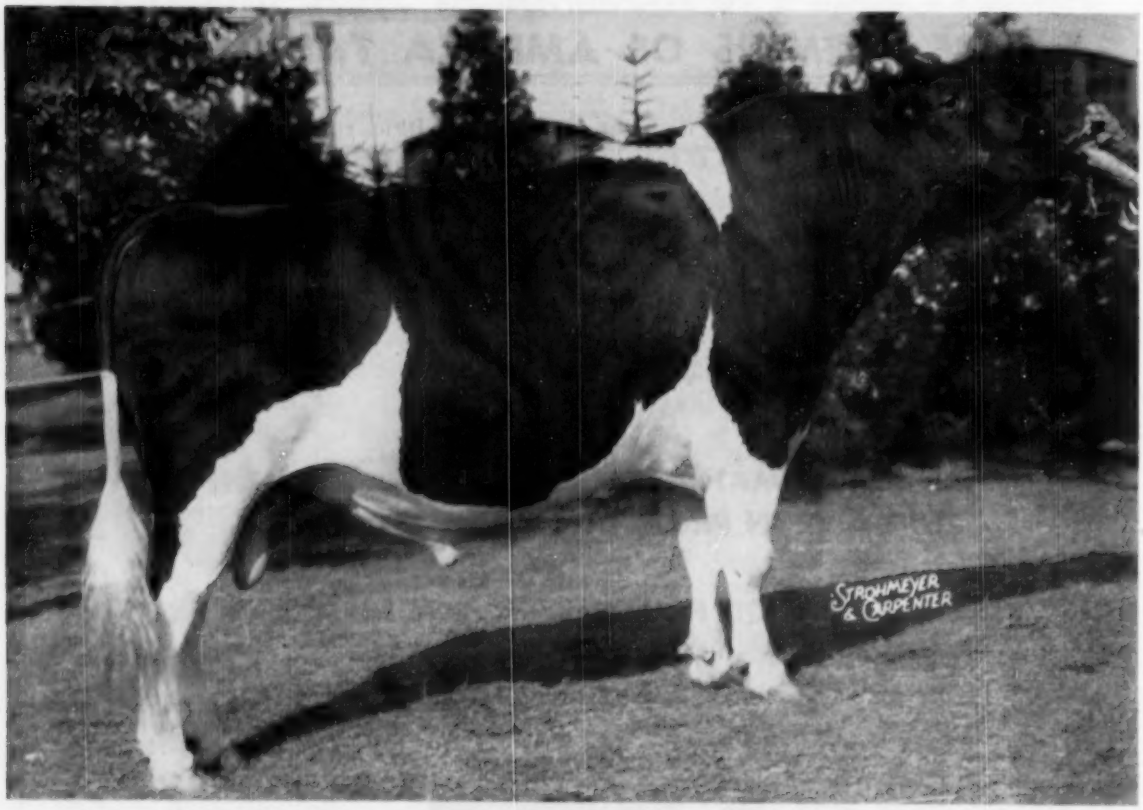
THE Wait Farms herd of 200 Registered Holsteins is the result of 42 years of constructive breeding. During this period more than 30 sires have been proven, including the Gold Medal Sires, Cornucopia Lad Posch, Wisconsin Sir Wellington Pride and Wimbledon Inka Veeman Emperor. For three different years the herd has received the Progressive Breeder Award from the National Association.

AVERAGE farm conditions and twice-a-day milking has been the rule, with emphasis on regular reproduction. For many years this herd was high in the nation for average milk and butterfat production for herds in HIR with over 50 cows on 2X. Few, if any, herds in New York State have developed more 100,000-lb. milk cows.

SHOWING has been an important part of the program and the herd has been prominent at the New York State Fair, Cortland County Fair and Eastern States Exposition, with occasional visits to the National Dairy Show.

THE program of constructive breeding has included the purchase and breeding of top herd sires of leading bloodlines as evidenced by the herd sire battery selling—undoubtedly the best ever in use at one time in the herd.

AS the farm is being overrun by the expansion of the City of Auburn, Mr. J. Reynolds Wait, the owner and an enthusiastic Holstein breeder, must dispose of the herd that is the culmination of 42 years of tireless effort and care.



One of the Herd Sires Selling — Wait Farm All-Var Laddie (Excellent)

This home bred son of Dunloggin All-Var (VG) was 1st prize aged bull, Senior and Grand Champion, New York State Fair, 1954.

200 REGISTERED HOLSTEINS

Dispersal - Auburn, N. Y.

★ 100 Milking Age Females ★ 35 Heifers Bred for Fall ★
★ 50 Open Heifers & Calves ★ 15 Bulls Including the Herd Sires ★

HEALTH: The herd is Bang's Certified, Calfhood Vaccinated, and T. B. Accredited. Mr. Wait has always been one of the first to adopt progressive health regulations with the result that the herd has been completely clean for years.

***Featuring* — — These Magnificent Herd Sires and Their Offspring**

An Own Son of "RAVEN"

ZARNOWSKI RAVEN WAYNE STAR

By the Pabst Farms sire, Weber Hazelwood Burke Raven (Ex-GM), and from a daughter of Pabst Reburke Paul Wayne (VG-GM), the Pabst Regal (Ex-GM) son from a $3100 942-lb. daughter of Burke (VG-GM) — what a pedigree of great cows and Gold Medal Sires he writes! 18 daughters sell.

An Own Son of "BURKE"

WEBER BURKE PEPPER (VG)

Splendid son of Wisconsin Admiral Burke Lad (VG-GM) from one of the famous daughters of Wisconsin Pinky — the cross that has proven out so well over the years. There are 40 daughters of Weber Burke Pepper for your appraisal.

ROBENSTEAD SUPREME CARNATION

First prize Junior Yearling, New York State Fair, and a son of the New York State Fair 1952 Grand Champion, Ilichee Supreme Sovereign, who sired the 1st Jr. Get at New York State Fair, 1953 and 1954.

JONABELL BATTLEGROUND

Intensifying the Jonabell foundation sire, Dunloggin Deubler, and the "corner stone" cows. His dam is famous Jonabell Diana with over 130,000 lbs. milk — all 2X AR.

And Several Others

YES, FRIENDS, IT'S ALL HERE

Great Bloodlines . . . Cow Families coming from 42 years of Breeding . . . Generations of Show Winners . . . And it's All Selling!

Sale headquarters at Osborn Hotel, Auburn. The barns are for rent effective immediately after the sale.

WATCH FOR DETAILS ON THIS HERD IN THE NEXT TWO ISSUES OF THE WORLD.

CHOICE HEIFERS

One of the most outstanding attractions of this Dispersal is the type and breeding of the 50 open heifers and calves. 4-H and FFA boys and girls will find a beautiful selection from which to choose.

MAY 16 & 17

AUBURN NEW YORK

SHOW WINNERS

In the next two issues of the WORLD we will present pictures and other information concerning the show winnings of many of the animals selling and the others in their pedigrees.

J. REYNOLDS WAIT
Owner
Genesee Road, Auburn, N. Y.

R. AUSTIN BACKUS, Inc.
Sale Managers
Mexico, New York

The Jonabell Herd

The Utmost in Quality Holsteins

One of Our "Corner-stone" Cows

BELLEVUE ORMSBY FIRST LADY
"Excellent" daughter of Ormsby Sensation 45th (GM) — dam of 5 sons and an "Excellent" 933-lb. daughter.

Her Son, Jonabell Knight - - -

By Dunloggin Deubler (our foundation sire) Knight has an interesting history. He was herd sire for W. S. Moscrip's North Star herd, selling in that Dispersal for $1375 to Stuckman & Magnus, Albion, Ind., and at 11 years of age is now in service for Stuckman Brothers and Rolandes Liechty, Berne, Ind. Mr. Liechty writes, *"Knight stands unusually well on his legs for a bull of his age and his appearance is that of a much younger bull. Stuckman Bros. have classified just lately and the eight daughters classified, 4 Very Good and 4 Good Plus, with an average score of 84.6."*

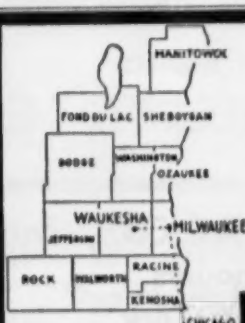
Knight is the sire of Jonabell Assault (Gold Medal), former herd sire for T. J. Frizzell's Peachblow Farm, Charlestown, N. H., and is sire also of J. O. Canby's Jonabell Tanya, dam of Howard B. Weiss' twice Grand Champion Bull at the Pennsylvania Farm Show.

Knight's maternal brother is Jonabell Ormsby Sensation (VG), Albert B. Craig's Gold Medal Sire.

JOHN A. BELL, Jr.

Oliver Bldg. **Pittsburgh, Pa.**

Jonabell is located near Sewickley, Pa.



WHERE HOLSTEINS HAVE BEEN BRED AND DEVELOPED FOR 56 YEARS.

Purebred and Grade Holsteins

Selected for Type and Production, T. B. Accredited—Blood Tested. Some calfhood Bang's vaccinated. From 200 of better Wisconsin herds. We are in a position to fill small or large orders for interstate or export.

— Service of —

W. L. BAIRD - ARTHUR F. BENNETT - DON A. STOUFFER - LOWELL H. NELSON - and JAMES L. GORDON at your disposition.

FOR INFORMATION WRITE

INTER-COUNTY DAIRY CATTLE ASS'N

BOX 177 WAUKESHA WIS.

FERTILE MEADOWS NEWS

Raymond L. Peterson, Fertile Meadow Farm, R. D. 1, Blue Mounds, Wis. reports that on January 18th they held an auction sale to dispose of all of their grade Holsteins. Forty-one head were sold for a total of $10,372.50. Of these, 21 were either in milk or carrying calves and they averaged $338.33. The nine yearlings down to six months of age averaged $190.50. Prices ranged up to $415. Owing to the fine reputation of the herd and good DHIA production these prices were well above the figures for that area.

This leaves the herd at Fertile Meadow Farm all registered Holsteins. They have 30 head of registered females. They include nine granddaughters of the former national champion, Minnow Creek Eden Delight; four sired by her Pabst Roamer son; and five by her Creston Twenty Grand son. Another interesting group includes four daughters of Carnation Madcap Maximum. Others include a daughter of Carnation Magic Admiration that has recently completed a 305 day record of 611 lbs. as a three-year-old (she has a daughter by Carnation Madcap Maximum), also a daughter of Pabst Comet out of a granddaughter of the Delight cow, a daughter of Pabst Sir Roburke Rag Apple, and Curtiss Candy Dandy George.

They are using some very top sires in artificial service including: Pabst Sir Roburke Rag Apple, Minnow Creek Eden Re-Grand, Carnation Homestead Highboy and they also have in their own service on the farm a grandson of Minnow Creek Eden Delight (by her Pabst Roamer son). The dam of the herd sire is Erindale Champ Ruth, who has just completed 523 lbs. as a junior three-year-old in 305 days. She is a member of the herd and recently freshened with another bull calf by Minnow Creek Eden Re-Grand.

The herd average this past year on 36 head was 12,679 lbs. milk, 445.8 lbs., 3.52 on DHIA. They are now starting on HIR and as Mr. Peterson writes, "the herd is looking up."

Phosphate for Dairy Barns—Extension Dairyman J. G. Hays of Michigan State College recommends superphosphate fertilizer rather than lime for use in dairy stanchion barns. The reason he says, is that lime releases nitrogen and makes the floor slippery whereas phosphate ties up nitrogen which gives the cows better footing. Hays advises a half pound of phosphate fertilizer per cow per day, spread in and a short distance behind the gutter.

61 Selected Holsteins

The Wolverine Classic

MONDAY — APRIL 11 — WILLIAMSTON, MICH.

At the Wolverine Purebred Livestock Sales Pavilion on U. S. 16, 2½ miles west of Williamston, Michigan.

Five Outstanding Bulls . . .

Fifty-Six Equally Outstanding Females

THE CONSIGNORS

PABST FARMS, Wisconsin
SMITHLAND, New York
CARNATION MILK FARMS, Washington
ROMANDALE FARMS, Canada
GLENAFTON FARM, Canada
H. R. SCOTT, New York
HARDY SHORE & SON, Canada
BUTLER & BODKIN, Canada
JACK F. MacDONALD, Canada
GORDON AINSLIE, Canada
R. H. SOMES, Canada
ADAMS ACRES, Oklahoma
SPITZER FARMS, Ohio
BARNEY & PHIPPS, Wisconsin
M. & F. DELLINGER, Ohio
L. E. BOERGER, Ohio
MAX CONKLIN, Ohio
T. R. DENT & SON, Canada
J. E. HOUCK & SONS, Canada
C. B. SMITH, Michigan
LLOYD S. JOHNSTON, Michigan
WILLIAM WARREN, Michigan
RUSSELL A. NEWELL, Michigan
PETER KERN, Michigan
HENRY BOURASSA & SONS, Michigan
HAROLD JAMES, Canada
E. R. SIEBERT, Michigan
CLARK O. BIDDLE, Ohio
RICHARD GARVIT, Michigan
DR. A. L. ARNOLD, Michigan
FOR-MAR FARMS, Michigan
HARDEN FARMS, New York
HAROLD A. POST, Michigan
V. J. BROWN & SON, Michigan
CHARLES J. DAVIS, Michigan
F. W. & J. H. HERTRICH, Michigan
LEONARD HIBSCHMAN, Indiana
MRS. J. A. SALMON, Michigan
H. A. MILLER & SONS, Michigan
EVERETT MILLER, Michigan

For complete details see pages 612 (36) through 628 (52) in the March 19 WORLD and the two following pages in this Issue

★ **Bulls from dams with records to 985.9 fat!**
★ **Females from dams with records to 1082 fat!**
★ **Females Selling with records to 826 fat!**

On page 43 of the March 19 WORLD there were a few errors in the records of the dam of Mrs. J. A. Salmon's entry from Kneedmore Farms. The dam's correct records are:

5y	330d	2X	18,373	3.9	701.6	(SA)
4y	328d	2X	16,040	3.7	599.9	
2y	365d	2X	12,640	3.7	472.0	

39 Females Selling from Dams with from 500 to 1082 lbs. fat!
18 Females Selling are from Dams with over 699 lbs. fat!

— *With Pedigrees To Match* —

Sale Headquarters, Hotel Olds, Lansing, Michigan. If you need help with reservations or transportation call the sale manager.

C. B. SMITH

Sale Manager and Auctioneer
WILLIAMSTON, MICHIGAN

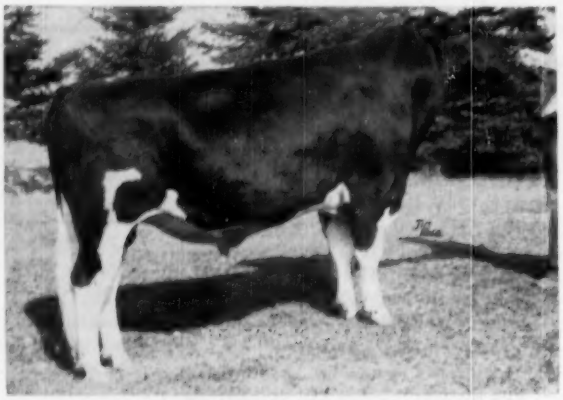
Glenafton . . .

Consigns to the Wolverine Classic — April 11 — Williamston, Mich.

Glenafton Gay Duke - - Born August 19, 1954

One of the Best Type and Production Bulls Ever to Leave Glenafton

His Sire at 2y 4m



ROSAFE CENTURION (XXX)
Centurion has recently been graded XXX at 3y2m of age, our highest Canadian classification for bulls, receiving Excellent rating on "General Appearance," "Body Capacity," "Rump," "Legs" and "Feet." His sire, Inka Supreme Reflection (XXX), has many famous progeny. His dam, Glenvue Nettie Jemima (*Excellent), was All-Canadian Aged Cow, 1954, showed for 9 consecutive years and has been 5 times nominated for All-Canadian Aged Cow. She has an 8-lactation total over 150,000 lbs. of 3.70% milk, including a 9y 365d record of 24,012 milk, 873 fat, 3.64%.

We are sorry we couldn't get a picture of Duke before publication time but take our word for it, he is a top show prospect. He has type and pedigree combination that can't be beat. If you need a herd sire, here is the bull for you.

— Also Consigned —

Glenafton Bonheur Linda C., born November 1, 1952 and bred Nov. 25, 1954 to **Rosafe Centurion**. Linda C. is a daughter of Glenafton Engraver (XXX) out of Glenafton Laurel Linda B (GP), a daughter of Marksman with 810 fat at 2 years and 926 fat at 4 years. Her dam is a daughter of Montvic Monogram (XXX Extra) with honor list records up to 1204 fat. This heifer is backed with high production with an emphasis on high test. **She will be a great addition to your breeding program.**

His Dam

A Top Sovereign Daughter

Oakhall Sovereign Nan (V G)

8y	365d	3X	20,874	4.25	887
5y	365d	3X	21,234	4.15	881
7y	365d	3X	20,128	4.22	849
4y	365d	3X	18,283	4.35	796
2y	365d	3X	16,321	4.50	735

She is now making over 900 lbs. fat in her 9-year-old lactation and this will bring her 6 lactation total over 115,000 lbs. of 4.2% milk. She is proving to be one of our top brood cows.

Her udder

His Paternal Granddam

GLENVUE NETTIE JEMIMA *Excellent
All-Canadian Aged Cow in 1954 and the dam of Rosafe Centurion.

GLENAFTON FARM — ALLISTON, ONT., CANADA

J. J. E. McCAGUE, Owner — **Accredited & Vaccinated** — **MORT BUTCHERS, Herd Supt.**

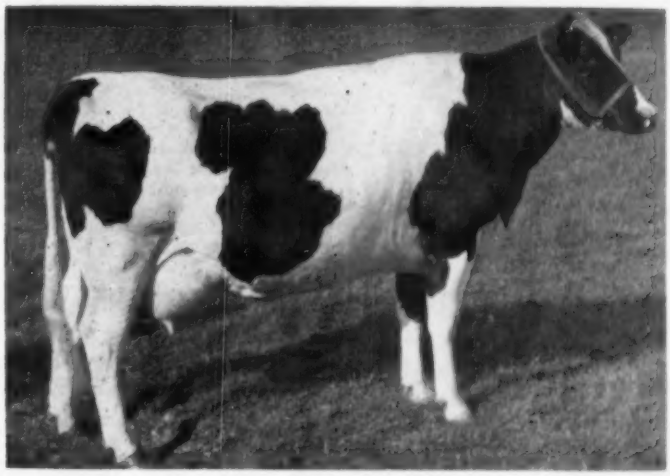
Spitzer Farms

— — to the Wolverine Classic

A Top Daughter of Curtiss Candy Invincible

Spitzer Invincible Beulah - - -

— HER DAM —



HARWIL RAG APPLE BEULAH

4-8 365d 3X 20,806 3.5% 724 AR

Beulah, born October 12, 1952, is a daughter of Curtiss Candy Invincible (Ex) —Curtiss Candy Proud Sally's great son—and she out of the beautiful uddered cow pictured above. Her dam, **Harwil Rag Apple Beulah**, is a daughter of Montvic Rag Apple Supreme and she is one of our top brood cows today. Spitzer Invincible Beulah was bred July 6th to Spitzer Invincible, a son of Curtiss Candy Invincible. What a great linebred pedigree for the calf she is carrying.

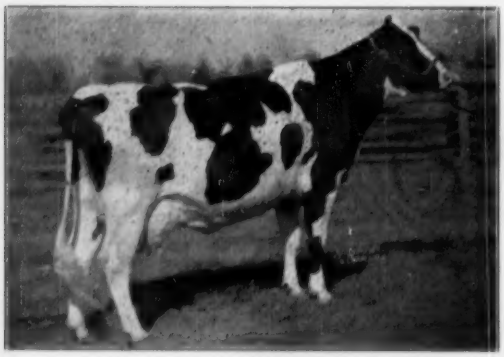
We are also consigning Prospect View Nina Gail (GP) to the Classic. Just a young cow, she was born Feb. 15, 1948 and at 4 years, she has on 2X—14,694 milk and 441 lbs. fat. She is a daughter of the well known Rainbow Captain Bold (VG-SMP). Gail was bred May 30, 1954 to our senior herd sire, Mooseheart Sensation (VG).

Look Over Both of These Animals
On April 11th at Williamston, Mich.

Spitzer Farms — Strongsville, Ohio

SIDNEY SPITZER, Mgr. **FRANK BORDNER, Herdsman**

Certified — Accredited — Vaccinated



SOO RAG APPLE PRINCESS (VG)
Dam of Steel-Bilt Hartog Soo Prince and of Glenafton Laurel Princess (below).

Her Last Son

STEEL-BILT HARTOG SOO PRINCE

IS ONE OF OUR HERD SIRES

He is also the last son in service of Ravenglen Montvic Hartog, a sire with a plus 44-lb. proving, son of Montvic Rag Apple Ajax out of the famous Montvic Bonheur Hartog, former world champion with 3 XXX sons.

"Hartog" and "Soo" are both gone but their names, thru their great offspring, will live on forever.

"Soo" had two sons and a daughter that she will always be noted for. The sons are Glenafton Rag Apple Alert, ($11,500 twice All-American), and Glenafton Montvic Marksman, SMP sire, who has daughters up to 993-lbs. fat. And now we have "Prince" who shows promise of following right along in his brothers' footsteps.

We believe we have the only two living daughters of "Soo;" one of them is Glenafton Laurel Princess, pictured below with her records.

MATERNAL SISTER TO "PRINCE"

GLENAFTON LAUREL PRINCESS (VG)

AR	6y	3X	24,271	3.7%	910.7
AR	8y	3X	22,072	4.0%	878.4
AR	9y	2X	15,388	4.0%	611.7
AR	3y	3X	14,984	3.8%	562.7
DHIA	4y	2X	14,498	3.8%	559.9
AR	3y	2X	13,385	4.1%	550.3
Total			104,698		4,073.5

All of these records with the exception of one are official; when she finishes this lactation, if nothing happens, she will officially have over 100,000 lbs. M.

"Soo's" last calf was a heifer out of one of our sons of Hartog (Hartog Rag Apple Chieftain). She is due again late in July.

— SKELETON PEDIGREE OF "PRINCE"

BORN JANUARY 19, 1952

RAVENGLEN MONTVIC HARTOG
41 H T Daughters, average
305d M.E 2X 11370 3.73% 424
Comparison on 35 H T pairs—
Daus. ave. 11240M 3.73% 420F
Dams, ave. 10710M 3.51% 376F
Increase 530M .22% 44F
14 A R Daughters
3 with 602, 609 and 728 lbs.
3 with 526, 574 and 581 lbs.
7 from 451 to 497 lbs.
42 H T Daughters
3 with 609, 633 and 728 lbs.
2 with 576 and 583 lbs.
13 from 400 to 497 lbs.

SOO RAG APPLE PRINCESS
Very Good
Sold for $5,600 in 1943
Reserve All-Canadian 2-yr-old, 1943.
365d 3½y 3X 15380 4.1% 624.0
365d 2y 2X 14308 4.1% 587.0
Dam of Glenafton Rag Apple Alert, $11,500 twice All-American bull.
Dam also of Glenafton Montvic Marksman, sensationally proven sire with daus. to 993 lbs.
Dam of a 910-lb. $5,500 dtr.
Dam of Glenafton Laurel Princess, 910-lb. cow pictured.

MONTVIC RAG APPLE AJAX
Sold for $5,200 at Mt. Victor.
A triple XXX Sire
77 R O M Daughters
2 with 982 and 1005 lbs.
7 from 815 to 876 lbs.
8 from 705 to 797 lbs.
2 A R Daus—825 & 960 lbs.
He was an 1100-lb. son of Lochinvar.

MONTVIC BONHEUR HARTOG
Gold Medal—sold at $5,200
365d 4y 3X 24248 4.75% 1153
(Former World Champion)
365d 2½y 3X 17343 4.46% 774
Three triple XXX Sons
Daughter of Montvic Pathfinder from a daughter of Joh. R. A. Pabst.

SOO CHIEF SUPERIOR
Sire, 1st Get, Oakville Championship Show and Simcoe B & W Day, 1943.
22 Tested Daughters
1 with 852 lbs., 7y, 2X, 3.68%
3 with 705, 730 and 780 lbs.
8 from 607 to 691 lbs.
His 6 nearest dams, average
Fat 365d 862.60
Milk 4.20% 20438.00
An 808-lb. son of Montvic Chieftain.

MONTVIC RAG APPLE PRINCESS
Fat 365d 4y 582.00
Milk 2X 3.87% 15045.00
Fat 305d 2y 483.00
Milk 2X 3.76% 12841.00
2 R O M Daughters
1 with 624 lbs., 3½y, 3X, 4.1%
Daughter of Johanna Rag Apple Pabst.

Flash

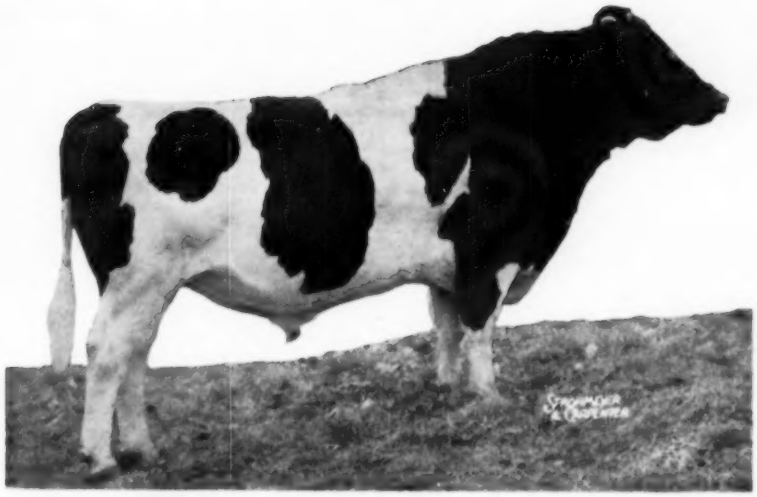
We have just received extended pedigrees of our bull calves that are for sale. We have both Rag Apple and Ormsby bred bulls, — whichever fits into your breeding program best. These bulls are out of dams with up to 800 lbs. F.—2X. We are **sold out of breeding age bulls** but have 8 months old calves that will be ready for service in June and July.

We suggest you pick a son of "Prince" for your next herd sire . . .

STEEL-BILT PROVING FARM

MARTIN STEEL PRODUCTS CORP., OWNER

CLIFFORD JURGENS, Manager Millsboro Rd - Route 2 MANSFIELD, OHIO



SOVEREIGN COCHRAN

Very Good-Gold Medal

Mated to Our Cow Families

RECENT NOTES FROM PINEYHILL

Classification, March 5, 1955 - -

Our 45 herd members that have freshened at least once achieved the average score of 82.4 points.

Especially pleasing to us were the classifications on two females —one among the oldest and the other one of the younger first-calf heifers.

The old cow is the head of one of our most prized families. She is Forthlyne Inka Jewel Sunbeam who classified "Excellent" at 13 years—she has a record of 896.5 lbs. fat 3.9% on 3X at 11½ years.

The young heifer received her first classification with 83 points. She is Cochran Sovereign Jane, a daughter of Sovereign Cochran.

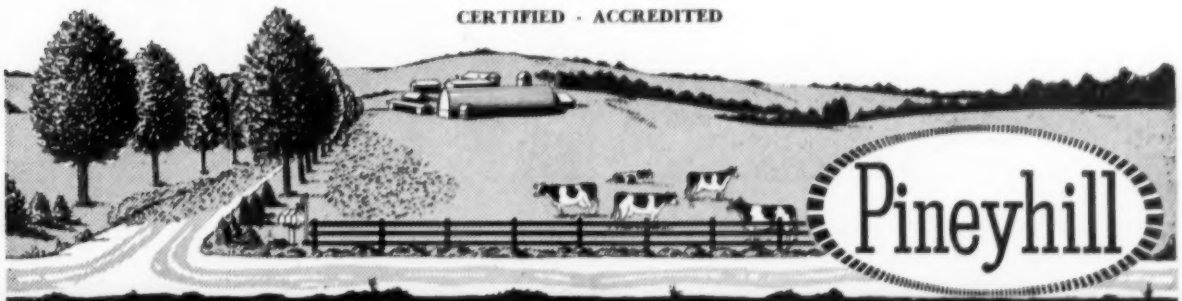
A State Record 4-year-old - -

Our third State Champion is Mooiebell Sovereign Gertie (GP) with . . .

AR 4-6 365d 2X 16,875 m 4.3% 728 f
(New Jersey State Record)

Gertie is bred to Sovereign Cochran.

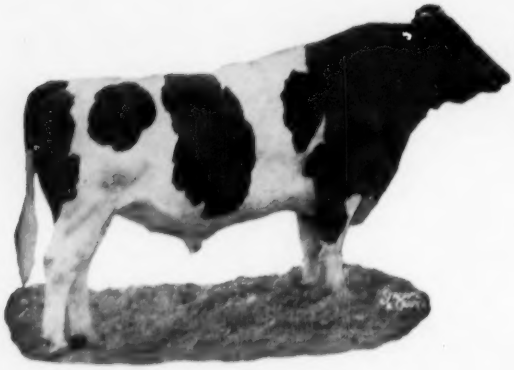
CERTIFIED - ACCREDITED



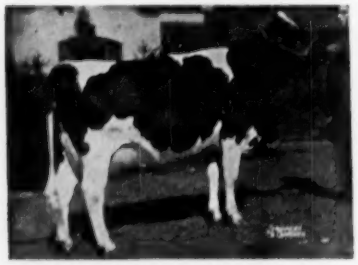
J.B. SCHAEFER, Owner WASHINGTON, N.J., R.D.1 PAUL DANN, Mgr

A C

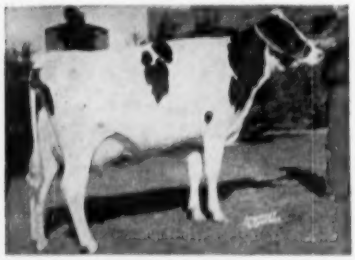
SOVEREIGN CO



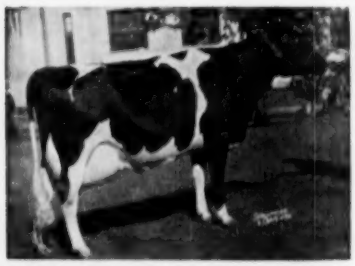
3 Daughters of Sovereign Cochran



COCHRAN SOVEREIGN MEG (VG)
2½ 365 2X 14,341 4.3 618.8
All-American 2-yr-old, 1952. Owned by Cedar Lane, Oldwick, N. J.



COCHRAN SOVEREIGN GAIL (EX)
3½y 365 2X 16,075 4.1 665.0
New Jersey State Champion on AR. Dam of 1st prize bull calf, 1954 N. Y. State Fair. Owned by Pineyhill, Washington, N. J.



COCHRAN SOVEREIGN FELICIA (VG)
2y 365 2X 16,060 4.0 642.4
1st prize 3-yr-old, 1954 N. Y. State Fair. Owned by Harold May, Cannandaigua, N. Y.

The list of buyers at the General Cochran Dispersal (19 cow men paid an average of $1296 for Sovereign Cochran sons and daughters) . . . the number of distinguished breeders who have used and are now using Sovereign Cochran semen and sons . . . the influence of the great animals in Sovereign Cochran's pedigree — all show he is truly a "Cow Man's Bull."

There's EXTRA VALUE in SOVEREIGN COCHRAN OFFSPRING — get Sovereign Cochran semen, fresh or frozen, for your herd.

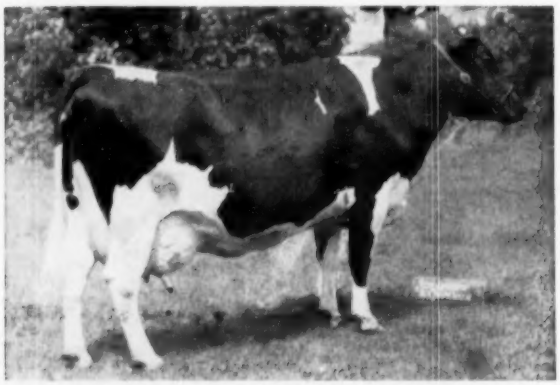
Artificial Service to Sovereign Cochran

$1,000 a year — $200 a month — $50 a service

Breed as many as desired under yearly or monthly contract.

Semen from FRANLO GEN TREASURE MODEL available (frozen only)

His Sire's Dam — A True "Cow Man's Cow"



MONTVIC RAG APPLE COLANTHA ABBEKERK (Ex)
Gold Medal in Canada
9y 365 3X 29,208 4.32 1263.0
(Former World Champion)
A show cow . . . a producer . . . a reproducer

Phones: Montrose, Pa. 196-R-4 and 283-J-16

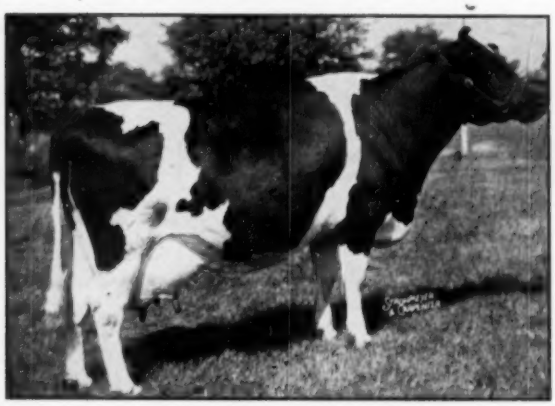
GOLDEN GENES,

ow Man's Bull

CHRAN 1007680 "Very Good - Gold Medal"

These Four Great Cows — All in the Family

— HIS DAM'S FULL SISTER — 1025 lbs. —

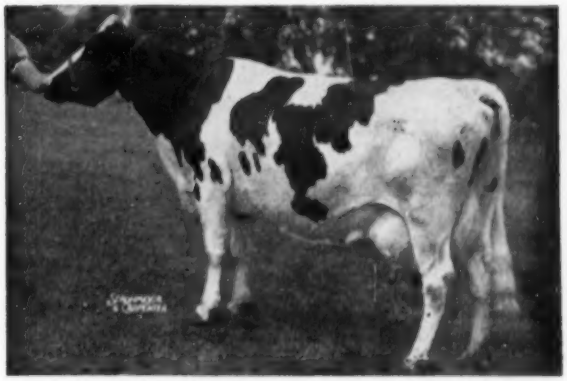


MAY KORNDYKE MERCEDES MATCHLESS (Ex)

8y	365	2X	24,339	4.2	1025.4
6y	365	2X	23,697	4.3	1020.3
5y	365	2X	25,561	3.9	1006.1

Owned by Green Meadow Farms, Elsie, Mich.

— 1061 lbs. — HIS DAM'S ¾ SISTER —

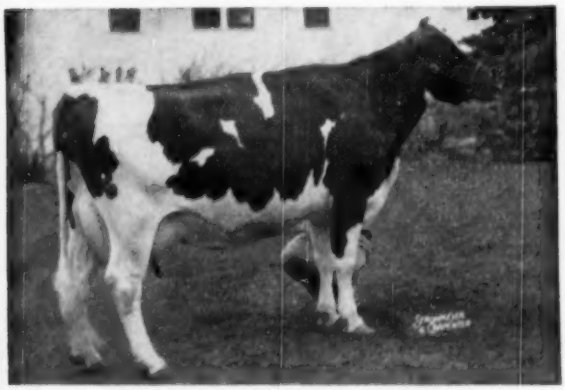


SUNNY GRANTON KORNDYKE MERCEDES (VG)

7y	365	3X	31,405	3.4	1061.1

Other good records. Dam of a 700-lb. 4-yr-old daughter. Dam of Green Meadow Farms herd sire, "Paramount," where she is owned.

HIS DAM'S MATERNAL SISTER — 1008 lbs.

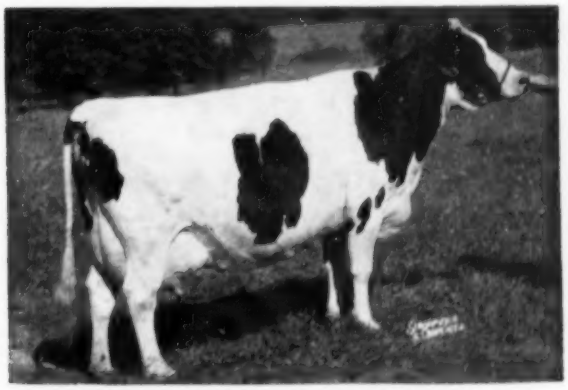


KORNDYKE MERCEDES MABEL (VG)

9y	365	3X	28,770	3.5	1008
8y	355	3X	19,006	3.7	704.9

Dam of 2 VG daughters and of a future herd sire for Green Meadow Farms, Elsie, Mich., where she is owned.

901 lbs. — HIS GRANDDAM'S SISTER



ORMSBY KORNDYKE GRANTON CARNATION (Ex)

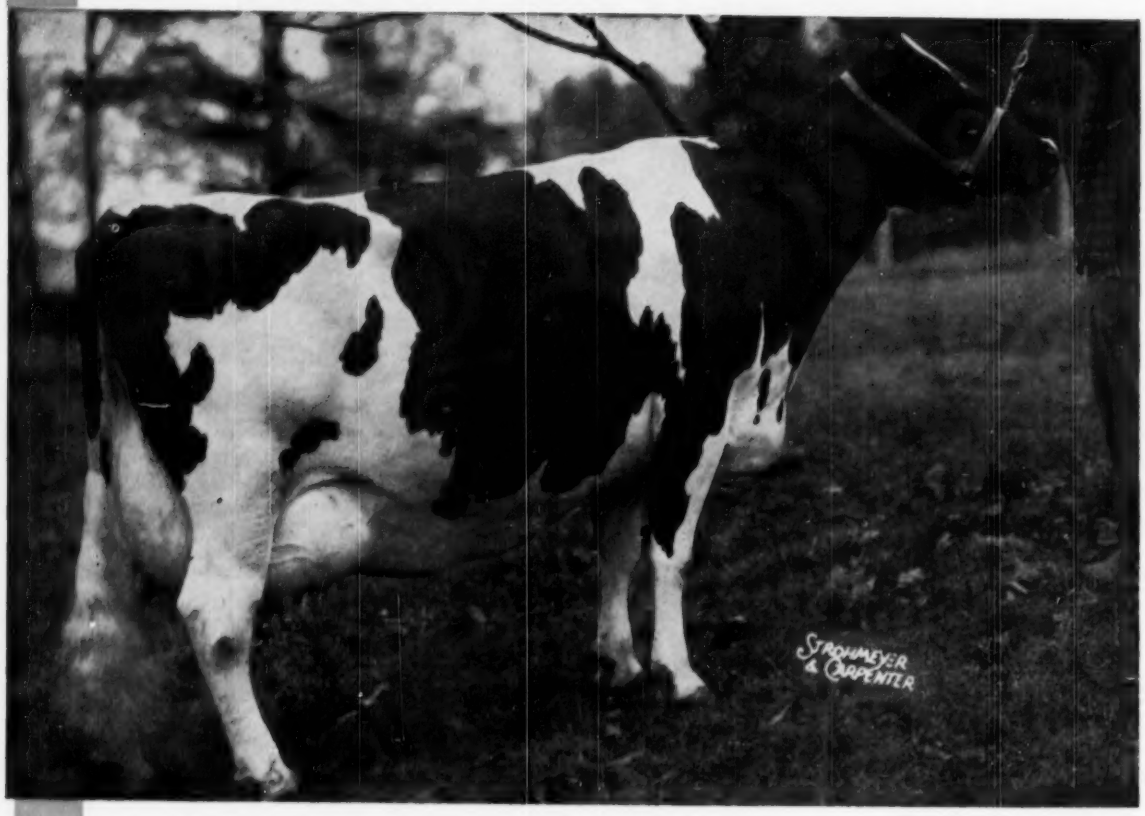
10y	365	2X	24,150	3.7	901

Other 2X records of 690, 652, 585 and 579 lbs. fat. 4th prize aged cow, Waterloo, and 3d dry cow, N. Y. State Fair, 1953. Owned by Ray Roberts, Vernon, N. Y.

inc. ● Dimock, Penna.

Write or Phone for Artificial Service

"Doing What Comes Naturally"



Inka Pietje Veeman 2734741 (Ex)

4y	305d	2X	17,368 m.	3.76%	653 f.
5y	291d	2X	19,288 m.	3.94%	759.8 f.
6y	205d	2X	21,179 m.	3.88%	821.8 f.

"INKA"

EXCELLENT

Six Times Shown . . . Six Times Grand Champion
Six Times Best Udder . . . Six Times Member, First Produce
Including Two Consecutive Years, Pennsylvania Farm Show, 1954-55

it all helps to prove: "The Inkas are Quite a Family"

WOODBOURNE
DIMOCK, PA.

R. CROWLEY **NORRIS EARNSHAW**

The Hazelwood

• Homecoming Classic •

Fairgrounds, Spokane, Washington — April 30

Famous Hazelwoods

CARN. INKA WALKER HAZELWOOD
1149-lb. dam of Governor of Carnation and the two "Perfection" bulls. She is a daughter of Hazelwood Ormsby Korndyke De Kol.

CARN. HOMESTEAD DAISY MADCAP (VG)
Champion fat producer with . . .
365d 3X 36,414 m 4.2% 1511.8 f
and . . .
365d 4X 34,553 m 4.1% 1413.6 f

55 REGISTERED HOLSTEINS
with Pedigrees full of Hazelwood Breeding

***Featuring* . . . HEIFERS . . . HEIFERS . . . HEIFERS**
40 BRED HEIFERS — BALANCE OPEN HEIFERS

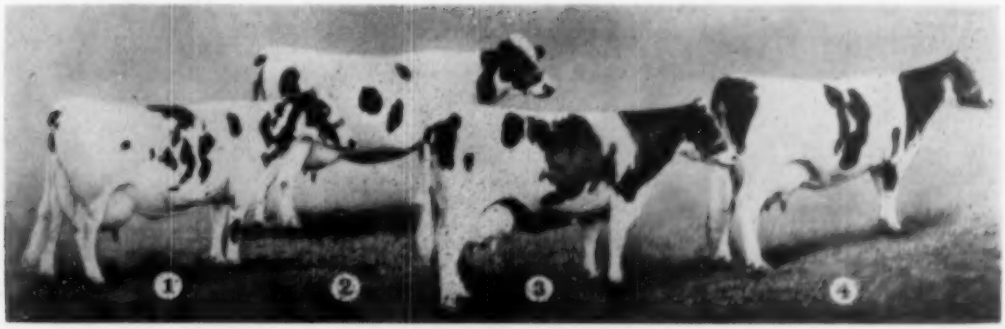
Near the old Hazelwood Farms, this sale of Hazelwood breeding offers an opportunity for purchasing quality heifers of the blood that has made the great animals pictured on this page and many others equally great.

Sale Sponsored by:
Washington State Holstein Assn.

For catalogs; write

R. E. EVERLY, Sale Mgr.
616 New World Life Bldg. — Seattle 4, Wash.

Auctioneer: CHARLES ADAMS
Artesia, California



The "Madcap" full sisters — Four famous Hazelwoods averaging over 34,000 milk

The HAZELWOOD HOMECOMING CLASSIC — Saturday — April 30

ARBANDALE FARMS

Alfred R. Brandt, Owner — Phone 3-1045 — Lebanon, Penna.

WEDNESDAY APRIL 13, — 9:30 A. M.

EQUIPMENT SELLS FIRST

87 High Producing Holsteins

Certified Bloodtested — Vaccinated — T. B. Accredited

The entire herd sells, all but four head born and raised on the farm from a foundation selected in 1945. The first herd sire was Ferndale Sylvan Woodmaster, son of Ferndale Nig Woodmaster. 7 daughters of this bull sell with records to 14846 lbs. milk and 655 lbs. fat on 2X.

HERD SIRE SELLING

48 COWS — 10 BRED HEIFERS — 25 OPEN — 4 BULLS

25 bred for fall freshening, balance fresh or close springers.

Two service age bulls and two bull calves. The females selling include two daughters of Dunloggin De Var, one daughter and two granddaughters of Skokie Ovation, 7 daughters of Ferndale Sylvan Woodmaster, one with 682 lbs. fat, 25 bred for fall calving.

The junior herd sire is ARBONDALE FARMER BERT, son of Curtiss Candy Farmer Curtiss out of Mapoval Star Birdie, a cow that made a top record of 19600 lbs. milk and 781 lbs. fat in 305 days, 2X, with 4% test. Her lifetime production all in this herd, totals 88,353 lbs. milk and 3348 lbs. fat in 6 years to date. Most of the "Sir John" daughters are bred to "Farmer Bert."

He is Rich in Dunloggin Breeding

Works Naturally and Artificially

Sired by Dunloggin Wonder Var (Lochinvar from Confident Queen). Dam is a 645-lb. fat daughter of Dean of the Pearls. Your inspection of "Sir John" and his daughters is invited at any time.

Selling with 46 daughters, and 14 cows in calf to him.

28 daughters now in milk have records to over 655 lbs. fat and 17000 lbs. milk. They have size, beautiful udders and high producing ability

ALSO SELLING EQUIPMENT: 300 gallon Cold Wall Tank— 3 unit Surge Milker— 7 foot Massey Harris Self Propelled Combine—3 Farm Tractors—and many other items of modern farm equipment. EVERYTHING SELLS REGARDLESS OF PRICE!

THESE ARE TYPICAL "SIR JOHN" DAUGHTERS SELLING

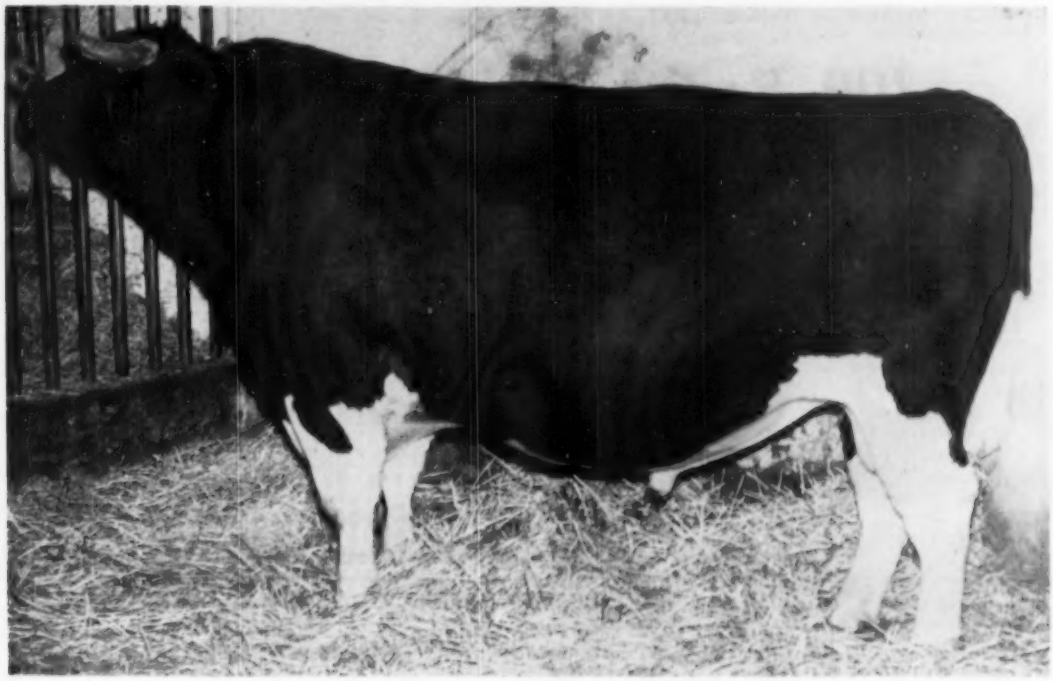
ARBANDALE S. J. VALORY
2y 2X 349d 9127 334.9

Close-up of udder that is typical of the SIR JOHN daughters.

ARBANDALE S. J. VEDA
2y 2X 363d 11800 403.0

COMPLETE DISPERSAL — LEBANON, PENNA.

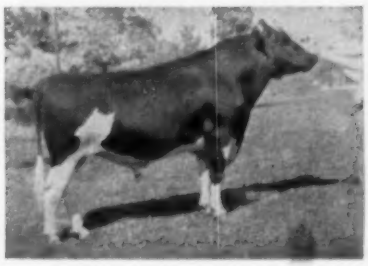
Farms Located 2 Miles North Of Lebanon Along Hi-Way 343, 5 Miles South Of Hi-Way 22 At Fredericksburg, Penna.



MAPLE HAVEN SIR JOHN 1042343—HERD SIRE SELLING—
— Born July 17, 1948 — 46 Daughters and Two Sons Sell —

U. S. D. A. OFFICIAL PROOF—	8 Daus.	14,497	3.6%	517 F
	8 Dams	11,648	3.8%	443 F
		+2,849	—.2%	+74 F

SIRE OF "SIR JOHN"



DUNLOGGIN WONDER VAR
Son of Montvic Lochinvar from Dun. Confident Queen, 715-lb. 2-year-old daughter of Dun. Mistress Queen, (Ex.—858 F.).

WRITE FOR CATALOG TO THE

DAM OF "SIR JOHN"

GREENWOOD DE JILL
AR 5yIm 365d 18,823 645.9 F.
A daughter of Dean of the Pearls, proven son of Wimbledon Dean Marathon from the famous Lashbrook Pearl Ormsby 2d.

SANGER SALE SERVICE — Lebanon, Pa.

COL. PAUL E. SANGER, Auctioneer
HARVEY RETTEW, Pedigrees
MANHEIM, PA.

GLEN SANGER, Ass't Mgr.
ARTHUR ALSPACH and
CLARENCE SANGER, Clerks

A BIG NEW JERSEY DISPERSAL - -

John R. Franke, Jr., Holstein and Machinery Dispersal

April 18 - Monday : Washington, New Jersey

At the farm, 2½ miles north of Washington, N. J., one mile north of traffic circle, turn off Route 69 on to Karrville Road. One mile to farm. Watch for signs.

100 Registered Holsteins

Bang's Certified, Calfhood Vaccinated, T. B. Accredited
Eligible for Shipment Anywhere!

A 509-lb., 2-yr-old Daughter Sells

NEWMONT ORMSBY CHIEF (VG-SMP)
Well proven in HIR on 34 pairs, he is a son of N J E S Sensation Ormsby Bess Chief out of Newmont Ormsby Mabel. A daughter selling has 509 fat and over 13,000 milk as a 2X 2-year-old in 345 days.

There's Production Selling!

. . . Look at these High Records . . .

16 Head from 504 to 606 lbs. fat, 2X
8 Head from 15,000 to 18,000 lbs. milk
9 More from 13,000 to 15,000 lbs. milk
—All 2X milking—

2 From Dams with over 600 fat 2X
17 From Dams with over 500 fat 2X
Others From 400-lb. dams, 2X

2-Year-old Herd Sire Selling . . .

A Grandson of this Great Sire

BUTTERFLY VEEDICTION LOCHINVAR
Famous son of Lochinvar and the "Vera" cow—twin sister to the 1227-lb. "Veda."

Daughters of these Experiment Station Sires

NEWMONT MAJOR 6th—5 daughters sell
SIR REGINALD JEWEL ALICE—5 daughters
BENTON DANDY SWEET DESIGN—4 daughters
BUTTERFLY PRINCE VEDICT-VAR—5 daughters
MONTVIC RAG APPLE TRAILBLAZER—2 daughters

— and Others Equally Good —

Complete Line of Up-to-date Farm Equipment Sells

Including 3 tractors, hay baler, forage harvester, and all other equipment necessary to operate a farm of this size. Equipment sells at 9:30 a. m. Cattle sell at 12 Noon.

Cattle Sale in Heated Tent — Lunch Available

JOHN R. FRANKE, Jr.
Owner
OXFORD, NEW JERSEY

R. AUSTIN BACKUS, Inc.
Sale Managers
MEXICO, NEW YORK

The Beautiful Farm with New Barn and 165 Acres is offered at private treaty.

WIS MASTERPIECE ORMSBY
A double grandson of Wis Ideal out of Wis Bouquet with 801 F.

← THIS IS
Wis Masterpiece Ormsby

He is classified Very Good
Preliminary proving from DHIA records
—first six daughters to freshen—

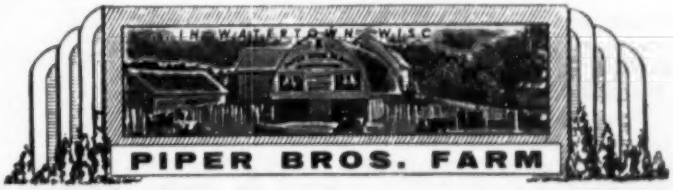
6 daus. 6 recs.				
	16253	M	3.73%	606 F
6 dams 27 recs.				
	14075	M	3.63%	505 F
Increase				
	+2178	M	+.1%	+101 F

● OTHER BURKE SIRES IN SERVICE

Twelvelms Comet Man-O-War, a proven son of Comet; A proven son of Roamer—a proven son of Regal—a typy son of Pabst Roamer Dean Walker Lad and a son of Wis Leader.

— ALL PIPER SIRES CAREFULLY SELECTED FOR PRODUCTION AND TYPE —

Write for sire directory and terms for service to Piper sires



WATERTOWN WISCONSIN

Breeders of Registered Holsteins since 1904

. . .

T. B. Accredited—calfhood vaccinated

Another Outstanding Daughter of
HURLWOOD CONQUEROR — GOLD MEDAL

HURLWOOD CONQUEROR BUTTER GIRL 3346066

Sire of Superior Udders

His Proof (305d-2X-ME):

15 Dtrs.	14,598	3.86	563
12 Dtrs.	14,800	3.86	571*
12 Dams	13,932	3.70	515
	+868	+.16	+56

*(21 rec.)

Hurlwood Conqueror Butter Girl
(Pictured)

2-6	365	2X	16,360	3.7	597.7
3-10	365	2X	20,295	3.9	786.0
5-0	305	2X	18,898	3.6	662.0

(DHIA, carried calf 208 days)

Conqueror's frozen semen is available. Order direct from The Central Ohio Breeding Assn., 1224 Alton-Darby Rd., Columbus 4, Ohio. Our herd is bred to him (frozen semen) with the highest conception rate in years.

Herd Average	2X	14,312 m.	3.9%	554.6 f.
3-year avg.	2X	13,839 m.	3.9%	539.2 f.

Hurlwood Holstein Farms
Ashley Falls, Massachusetts

Herd Accredited — Certified — Vaccinated — Progressive Breeders Registry

Holsteins at the Sales

PENN'S PEACEFUL MEADOW

CATALOG SUMMARY

36	Females 2y & over (7 calves under 3 mos. s.w.d.)	$18,030	$500.83
9	Bred Yearlings	3,580	397.78
6	Open Yearlings	1,820	303.33
7	Heifer Calves Over 3 mos.	1,805	257.86
58		$26,360	$454.48

Penn's Peaceful Meadow Farm's Herd owned by Joseph A. Hook and Herman Ginder Jr., Mt. Joy, Pennsylvania, was dispersed March 8th under the able management of Harvey Rettew, Manheim, Pa. The 58 cataloged head brought a total of $26,360 or an average of $454.48. The 36 females over 2 years of age averaged just $500. This sale was unique in the fact that there wasn't a bull of any age sold in it.

The top pair in the sale were a daughter-dam combination with the daughter Penn Meadows Sanar Snow Pluto, a daughter of Weejoe Sanar selling to Doak Finch, Thomasville, N. C. for $1000. The dam also going to Mr. Finch at $950 was Alcartra Snow Model, a 5-yr-old cow, just fresh and really looking good. Her last calf sired by Willow Springs Crescent Prince, sold for $250 to Irwin Graybill, Jr., Stevens, Pa.

Mr. Finch purchased two more of the good ones when he was the final bidder on Penn Meadows Invincible Daisy, a year old daughter of Curtiss Candy Invincible and Penn Meadows Lucifer Elnora, a 5-yr-old daughter of Lauxmont Admiral Lucifer. The Invincible sold for $650 and the Lucifer for $500.

Robert C. Groff, Quarryville, Pa. was the successful bidder on 3 of the other top animals in the sale. He was the purchaser of the 1953 Hon. Men. All-American 3-yr-old, Vanlure Posch Wayne Boon, a twice over 500 lb. daughter of Pabst King Belwayne out of a 623 lb. dam.

This nice cow brought $750. Mr. Groff paid $755 for Irma Wayne Colantha, a 6-yr-old daughter of Otonabee King Colanthus fresh since November. A nice black cow, she had a lovely udder. His final purchase at $505 was Countess Jewel Deen Var, a granddaughter of Dunnloggin Deen Var out of a 653 lb. daughter of King Jerome Kevin Posch.

Mark H. Garlock, McConnellsburg, Pa. purchased 4 head with a top at $700. She was Penn Meadows Sanar Posch, 3-yr-old daughter of Weejoe Sanar out of a 703 lb. dam. She was just fresh and her calf sold for $200. Mr. Garlock paid $540 for Hay's New Deal, a daughter of Rockwood Palmyra out of a 526 lb. granddaughter of Colony Vale Romeo Sir Heilo. Her daughter by Weejoe Sanar sold for $535 to C. W. Atkinson, Christianburg, Virginia. Mr. Atkinson was the top buyer of the sale taking 11 head for a total of $4700. Two of his purchases for $625 and $600 were Elgan Kent Rag Apple Sanar, a Sanar daughter and Pietje Penn Meadows Colantha, a Glenafton Futurity granddaughter.

Another man that bought 2 good ones was Albert R. Fry, Manheim, Pa. He paid $700 for Rheta Toitilla Colantha, a maternal sister to the Irma Wayne Colantha cow. His second purchase at $570 was Penn Meadows Ormsby Triune, a granddaughter of Dunloggin De Var out of a 565-lb. dam.

This sale attracted quite a bit of interest with a good crowd all through the sale. There were plenty of out of state buyers and the bidding was quite spirited. Harvey Rettew made the announcements and read pedigrees; Walter Dupes was auctioneer; and Carl Diller and Merle Mishler were the ringmen. At the start of the sale there were quite a few introductions of people present. Included in these were Glen M. Householder, retired Director of Extension for the National Association, Art Nesbitt, the Pennsylvania State Association Fieldman, and Joe Canby. Director of the National Association and Chairman of this year's Convention Committee. D.L.M.

Doak Finch, Thomasville, N. Car.
Penn Meadows Sanar Snow Pluto (1-53) $1000
Alcartra Snow Model (1-50) 950
Penn Meadows Invincible Daisy (1-54) 650
Penn Meadows Lucifer Elnora (10-50) 500

Robert C. Groff, Quarryville, Pa.
Irma Wayne Colantha (1-48) 755
Vanlure Posch Wayne Boon (2-48) 750
Countess Jewel Deen Var (11-47) 505

Mark H. Garlock, McConnellsburg, Pa.
Penn Meadows Sanar Posch (10-51) 700
Hay's New Deal (11-47) 540
Penn Meadows Sally Cornell (12-53) 410
Penn Meadows Sanar Monogram (2-53) 400

Albert R. Fry, Manheim, Pa.
Rheta Toitilla Colantha (1-48) 700
Penn Meadows Ormsby Triune (3-51) 570

C. W. Atkinson, Christiansburg, Va. (11)
Elgan Kent Rag Apple Sanar (9-48) 625
Pietje Penn Meadows Colantha (2-52) 600
Penn Meadows Sanar Inka (6-53) 535
Ednachester Penn Meadows Daisy (11-50) 500
Penn Meadows Newmont Sanar (9-51) 450
Penn Meadows Adeen Pride (9-53) 425
Penn Meadows Sanar Folassie (3-52) 420
Penn Meadows Sanar Colantha (4-53) 420

Henry M. Thornton, Mechanicsburg, Pa.
Penn Meadows Sanar Deen Girl (12-51) 560
Elgan Lifetime Tiny (12-50) 550

Lloyd B. Musser, Mt. Joy, Pa.
Vera Spicer Deen Girl (11-47) 505

Raymond Gruber, Bareville, Pa. (3)
Fobes Penn Meadows Barbara (7-51) 490

J. Floyd Kreider, Mt. Joy, Pa. (6)
Cornell Lochdeen Superb (1-49) 470
Lantoga R R Folassie (7-47) 455
Patsy Monogram Creator (8-48) 415

Charles Schrecker, Quarryville, Pa. (2)
Penn Meadows Hillmac Goldie (9-53) 450

Mt. Vernon Stock Farm, Sperryville, Pa.
Penn Meadows Sanar Triune (6-52) 410
Queen Michal Alcartra Beauty (12-52) 400

Jenkins & Woodward, Cochranville, Pa. (5)
Penn Meadows Hillmac Posch (3-53) 410

Robert H. Kaufman, Manheim, Pa.
Bessie Pabst Madoline (8-45) 400

Other buyers were: J. Harold Musser, Mt. Joy; Eugene S. Kreider, Mt. Joy; Daniel L. Martin, Manheim; Irwin Graybill, Jr., Stevens; Levi S. Stoltzfus, Ronks; Melvin R. Shertzer, Millersville; Sterling Elmer, Lancaster; Roy G. Kopp, Mt. Joy; Joseph H. Brackbill & Son, Chambersburg, Pa.; Howard Wilkins, Milford; Maurice & Alice Adams, Harrington, Dela.; and Susan Bierer, Winchester, Va.

Statistical data furnished by Joseph A. Hook, Penn's Peaceful Meadow Farm.

STANISLAUS COUNTY BULL SALE

Held at Turlock, Calif., March 5

Mathew Fiscalini, secretary of the Stanislaus County Holstein-Friesian Ass'n., reports that their tenth annual county bull sale on March 5 was highly satisfactory. Only bulls were offered and 28 brought an average of $451. Top price was $1810 paid for Lavacres Var Decoration 1224863, consigned by Dr. Harold Schmidt, Lavacre Ranch, Modesto, Calif., a son of the G M proven sire, Dunloggin Strath Var, and out of Taylaker Ormsby Decoration, VG, daughter of Taylaker Bess Gettie Topnotch, and with records up to 599 f, 16438 m at 3 years, 326 days. Purchaser was Al Carvalho, Hanford, Calif.

William Lupo, Allen Johnson, Hu-

LAVACRES VAR DECORATION
Top of the Stanislaus County 10th Annual Bull Sale at $1810. Sold to Al Carvalho, Hanford, Calif., from the consignment of Lavacres Holstein Ranch, Modesto, Calif.

VIRGINIA HOLSTEIN-FRIESIAN CLUB

Spring Heifer Sale

APRIL — 21 — 1955 (THURSDAY)

ORANGE, VIRGINIA.

70 HEAD — BRED and OPEN HEIFERS — 70 HEAD

Carefully selected from the top herds of Virginia.

★ Over 50 head bred for July and Fall production, a few open heifers and 9 great club prospects. Two bulls, both from dams with over 700 lbs. Fat. Most are good enough to show, all are good enough to milk. ★

★ From the herds of the following consignors: ★

W. D. Vinyard, Vinton, Va. - - - - - Chas. Moyer & Sons, Chula, Va.
Meadow Farm, Orange, Va. - - - - - Louise Spieden, Somerset, Va.
Kincheloe & Michael, Nokesville, Va. - - - Luck Bros., Ashland, Va.
★ Curles Neck Farm, Richmond, Va. - - - Frank S. Walker, Orange, Va. ★
H. A. & H. E. Spangler, Harrisonburg, Va. - - V. P. I., Blacksburg, Va.
Ted J. Shepherd, Nokesville, Va. - - John D. Shank, Mt. Crawford, Va.
J. O. Beard, Linville, Va. - - - - - - - - - - J. C. Eller, Culpeper, Va.
★ M. C. Garst & H. W. Craun, Roanoke, Va. - - - ★
Wm. S. Barksdale, Randolph, Va.
R. E. McComb, Purcellville, Va. - - -
Chas. R. Hope & Son, Purcellville, Va.
★ Frank R. & Paul O. Coffman, Harrisonburg, Va. - - - ★
Wm. S. Logan, Woodstock, Va.
L. R. Cowne, Nokesville, Va. - - -

C. B. SMITH, Auctioneer

FRANK S. WALKER, Sale Mgr.,
Orange, Va.

L. A. DREWRY, Sec'y.,
Hollins College, Va.

"Cream of the Heifer Crop From 8 Counties"

5TH SOUTHEASTERN PA. HOLSTEIN HEIFER SALE

FRIDAY, APRIL 22 — DOYLESTOWN, PENNA.

Sale held at Bucks County Egg & Poultry Auction Bldg. One mile north of Doylestown, turn right at stoplight (Cross Keyes) for one block. Watch for signs.

80 REGISTERED HOLSTEINS

60 Bred Heifers due early summer and early fall
10 First Calf heifers just fresh or due sale time
10 Hand-picked Heifer Calves for 4-H & FFA Members

BANG'S CERTIFIED, CALFHOOD VACCINATED, T. B. ACCREDITED
ELIGIBLE FOR SHIPMENT ANYWHERE.

DAUGHTERS OF THESE FAMOUS WELL-BRED BULLS ARE SELLING!

Hillmac Sovereign (6)
Cashman Gracious Woodmaster (4)
Curtiss Candy Dandy George (3)
Lauxmont Admiral Lucifer (2)
Ceydermead Ollie Chieftain
Curtiss Candy Woodmaster
Cashman Graceful Mister

THESE RICHLY BRED BULLS APPEAR AS SERVICE SIRES

Cochran Honeyman ($11,000)
Clarkdale Gloria Transmitter
Hillmac Sovereign
Cashman Gracious Woodmaster
Sovereign Commander Antonio
Hedge Adean Harmony
Cashman Graceful Mister

HIGH RECORD DAMS: These heifers are from high record dams. Two are out of 700-lb., 2X fat dams, many from 500 and 600-lb. dams.

ALL CAREFULLY SELECTED: Charles D. Lownes, Newtown, Pa., and Timothy Gehman, Macungie, Pa. have personally seen and approved every entry.

SPONSORS: Bucks, Montgomery, Chester, Lancaster, Lebanon, Berks, Lehigh, and Northampton Counties. Eight of the best Holstein counties in Eastern United States.

—YOU CAN BUY WELL-BRED, BEAUTIFUL TYPE HEIFERS IN THIS SALE!—

R. AUSTIN BACKUS, INC.
Sale Managers
Mexico, N. Y.

J. O. CANBY
Chairman, Sale Committee
Langhorne, Pa.

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Modern individual business stationery will add distinction to your Holstein enterprise. Inexpensive—500 sheets and envelopes (Hammermill Bond) $15.40 and up.

Send for NEW portfolio of sample letterheads now in use by leading breeders from coast to coast, suggesting many different designs, color combinations, type facts, cuts, decorations, etc. Price list included.

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"Holstein Printers Since 1885"

bert Kidd, and Ed Dinsdale made up the sale committee, with R. E. "Bob" Stanley as auctioneer and L. H. "Mac" McDaniel reading the pedigrees.

The buyers and details on those selling for $400 and over:

Al Carvalho, Carvalacres, Hanford, Calif.
(M) Lavacres Var Decoration (12-53) ... $1810
(Lavacre Holstein Farm, Modesto, Calif.)
(M) Stockton Ravenglen Rex (1-54) ... 610
(Stockton State Hospital, Stockton, Calif.)
Edward R. Fagundes, Los Banos, Calif.
(M) Rincon Valor Plebe Inka (4-53) ... 1075
(Frank S. Corda, Gonzales, Calif.)
Hansen & Gieger, Pleasanton, Calif.
(M) Midland Magic Pal (5-54) ... 825
(Midland Holstein Farm, Ceres, Calif.)
(M) Lavacres Var Alan (3-54) ... 635
(Lavacre Holstein Farm)
Adohr Milk Farms, Camarillo, Calif.
(M) Arlinda Elsie Rome (8-53) ... 700
(Wallace Lindskoog, Turlock, Calif.)
Anna P. Silva, San Jose, Calif.
(M) Midland Neptune Little King (5-53) ... 600
(Midland Holstein Farm)
(M) Double Tee Los Robles Sugar Master (10-53) ... 500
(Joaquin Cabral, Crows Landing, Calif.)
W. F. Nicholson & Son, Turlock, Calif.
Diamond S Sir Julia (8-53) ... 435
(Diamond S. Ranch, Waterford, Calif.)
John Grisetti, Solodad, Calif.
(M) Kenmere Target Jo (2-53) ... 400
(L. M. Fosberg, Hughson, Calif.)

Other buyers were: Earl Squire, Hughson; Daniel Vierra, Howard Thompson, Turlock; Joseph Scheuber, Patterson; Pete Stavriandakis, Merced; Albert Von Rotz, Turlock; Hillis Bros., Denair; Frank F. Jorge, Turlock; Mathew Fiscalini, Modesto; Flamingo Dairy, Paramount; Grisetti & Crow, Solodad; Tony Espinola, Atwater; I. S. Gonalves, Modesto; John De Jong, Escalon; and Anthony Alves, Patterson, Calif.

Statistical data furnished by Mathew Fiscalini, Modesto, Calif.

H. J. & W. R. BROOKS DISPERSAL
(Reprinted from Ohio Holstein News)

A very large crowd was on hand to witness the sale of this good herd, January 11. The cattle were in excellent condition under the care of the father and son partnership of H. J. & W. R. Brooks.

The two large buyers were Paul Deer Farm, Springfield, Ohio and George Sandefur of Danville, Ind. Spectators were counted from six different states. Three animals sold for four figures, with prices of $1100, $1135, and $1200, the top being an own daughter of Winterthur Posch Ormsby Fobes.

The machinery and feed and other livestock sold on Wednesday, Jan. 12, and another very large crowd was on hand. This was one of the largest sales held in Ohio in a long time. The sale was under the management of J. O. Fenstermaker of Homerville, Ohio, who was also auctioneer and read pedigrees.

The 41 purebreds including 11 half-numbers totaled $24,445 for an average of $596. A total of 25 grades were also sold, with three selling for over $500. This made a total of $32,885

Niver Homestead Farm Complete Dispersal

SATURDAY, APRIL 16 — ANCRAMDALE, N. Y.

Sale Starts at 12 Noon — Lunch Available — Heated Tent — Write Sale Managers for Catalog

Location: Farm is 5 miles northeast of Pine Plains, N. Y. Turn north at Pulvers Corners (Route 199). Five miles west of Millerton, N. Y. 10 miles south of Copake, N. Y. Located in Columbia County.

61 REGISTERED HOLSTEINS

11 fresh or close springing cows — 29 due from August through November (10 with first calf) — 10 Open Heifers (Ready to Turn out) — 10 Heifer Calves — 1 Top-bred Herd Sire

Health: Bang's Certified, all old enough Calfhood Vaccinated, T. B. Accredited. Blood and T. B. Tested within 30 days. Mastitis tested, examined for pregnancy, treated against Shipping Fever. **Eligible for immediate shipment anywhere.**

A HERD NOTED FOR ITS PRODUCTION RECORDS AND GOOD HERD SIRES

Every Female Raised on Farm — Breeding Holsteins For 25 Years — Strong Bloodlines

These High Record Cows Sell!

1 with 753 lbs. fat, 7y, 2X, 4.2%
7 from 608 to 695 lbs. fat, 2X
6 from 509 to 599 lbs. fat, 2X
8 from 403 to 479 lbs. fat, 2X
6 from 16,000-18,000 lbs. milk

— Herd Average 1953-54 —

FAT 485 MILK 2X 12289 4%

Two Dtrs. of GCB Pathfinder Hilda Posch (he from 910-lb., 2X dam) Sell!

Nih. Fay. Or.	4y	2X	16660	3.9%	651.0
Nih. Fay. Fob.	4y	2X	14370	3.5%	509.0

A Son of Hedge Adean Harmony from 833-lb. Dtr. of "Mistress De Ormsby" Sells With 33 Bred to Him!

Herd Sire is Hedge Harmonious Milord born June 2, 1953.

His sire is $4,200 Hedge Adean Harmony, former herd sire at the Hedge and a son of Dean Rag Apple Ormsby from $7,000 "Woodmaster" daughter, Dunloggin Mistress Melody.

His dam is Hedge Adean Mistress (832 lbs., 3½y, 4.3% and 785 lbs., 29m, 4.5%) who is by Dean Rag Apple Ormsby from three time 1000-lb. "Woodmaster" daughter, "Mistress De Ormsby."

His sire and dam are both by Dean Rag Apple Ormsby from famous daughters of Dunloggin Woodmaster.

THIRTY-THREE HEAD CARRY SERVICES TO THIS GREAT BULL!

His 4% Proven Son Has 18 Daughters In The Sale

SKOKIE GREAT OVATION

Greenwood Victor Ovation is by "Great Ovation" from 619-lb. Dunloggin Victor daughter. Listed below are milking "Ovation" daughters in sale. Note the sensational tests!

Dtr. — 305d	2y	2X	13150	4.0%	520
Dtr. — 300d	3y	2X	9820	4.6%	455
Dtr. — 305d	2½y	2X	9680	4.3%	414
Dtr. — 296d	2y	2X	9980	4.0%	403
Dtr. — 285d	2y	2X	9200	4.2%	386
Dtr. — 219d	2½y	2X	7360	4.9%	356*
Dtr. — 144d	2y	2X	5800	4.7%	274*

*Still on test making top records.

Four 608-753-lb. Fat Daughters of a Chaseholm-bred Bull Sell!

Chaseholm Sir Ormsby Posch is out of a 698-lb. 2X dam. His daughters selling:

Dtr. — 355d	7y	2X	18050	4.2%	753
Dtr. — 349d	8y	2X	17660	3.9%	696
Dtr. — 319d	6y	2X	16410	3.7%	610
Dtr. — 355d	5y	2X	16540	3.7%	608

17 Granddaughters of Pabst Burke Pilot Will Sell!

PABST BURKE PILOT

The bred and open heifers are by a "Pilot" son from a 759-lb. 4.1% dam that is out of a great 4% cow family. They are absolutely sensational in type.

A Son Has Six Daughters From 530-662 lbs. fat Selling!

MONTVIC LOCHINVAR

Osborndale Admiral Lochinvar is a Lochinvar son from a 529-lb. Osborndale Spitfire daughter. These high record daughters of the Lochinvar son sell.

Dtr. — 374d	7y	2X	15890	4.2%	662
Dtr. — 305d	3y	2X	16470	3.8%	620
Dtr. — 359d	5y	2X	15580	3.8%	599
Dtr. — 314d	5y	2X	15200	3.9%	598
Dtr. — 332d	6y	2X	13690	4.0%	550
Dtr. — 305d	5y	2X	12520	4.2%	530

A Beautiful Dark Colored Herd in Nice Condition. You Will Like Them.

Eight Cows Above 600 lbs. and Six More Above 500 lbs. (all by well-bred sires) Will Sell! Many Fine Cow Families — one 576 lb. cow sells with Six Daughters, Four Have Recs. From 509 to 613 lbs.

NIVER HOMESTEAD FARM
Owner, Ancramdale, N. Y.

R. AUSTIN BACKUS, INC.
Sale Managers, Mexico, N. Y.

for the 66 head or an average of $498 plus for the entire sale of grades and purebreeds.

Following is a list of the cattle and the buyers.

Paul Deer Farm, Springfield, Ohio (10)
Rivershade Posch Kaye (2-4-51) $1200
Windy Shade Posch Wamalo (7-5-47) 1135
Kirkside Paladin Recount (12-6-51) 1100
Whetstone Harmony (9-7-49) 800
Windy Shade Roamer Sensation (1-28-50) 775
Sunnyfield Marian (8-13-44) 750
Caroline Brookdale Ormsby (2-20-48) 725
Kirkside Sensation Iona (10-19-51) 700
Miss Brookdale Prilly Lass (7-18-47) 400

E. H. Burris, Marion, Ohio
Kirkside Sensation Milkmaid (11-4-51) 950

Paul Wish, Bellefontaine, Ohio
Moreland Ridge Rock Lucy (7-19-48) 800
Prospect Lauxmont Rose (3-30-45) 625

George Sandefur, Danville, Ind.
Rex-Lynn Fobes Crook Topsy (9-5-51) 650
Woodhome Posch Bette (9-2-50) 600
Kirkside Chief Silver Nell (twin) (5-11-49) 560
Kirkside Sensation Recountess (11-14-52) 535
Kirkside Chief Sue (twin) (7-2-50) 525

Paul & Robert Ely, Lancaster, Ohio
Kirkside Seven Posch Tillie (10-17-53) 600
Kirkside Posch Paul Midge (8-21-53) 575
Kirkside Posch Paul Cynthia (9-24-53) 400

D. W. Springer & Son, New Washington, Ohio
Kirkside Sensation Flora (9-21-52) 560

Don M. Hilliker & Richard Schlumbohm, DeGraff, Ohio
Kirkside Sensation Elaine (8-25-51) 550
Kirkside Sensation Cassidy (2-3-52) 550

Earl Harrer, New Washington, Ohio
Kirkside Paul Posch Jude (3-31-54) 525

Archway Farms, Marion, Ohio
Windy Shade Posch Paul (6-3-51) 500

Wm. Koch, Loudonville, Ohio
Kirkside Chief Segis Maid (5-7-49) 500

Other buyers were: Everett C. Hale, Burton; Earl & Robert Harrer, New Washington; Stanley M. Pickett, Marion; Myrus & Barnhart, Springfield; Urban C Von Lehmden & Sons, Ft. Jennings; Donald & Harold Demorest, Waldo; A. E. Bell, Nevada; Wilson & Lee, Caledonia, Ohio; and James F. Reid, Danville, Ind.

10th WINTER QUALITY SALE
Held at Delaware, Ohio, March 2

CATALOG SUMMARY

38 Females 2y & over (7 calves under 3 mos. s.w.d.	$12,390	$326.05
5 Bred Yearlings	1,305	261.00
6 Open Yearlings	955	159.17
9 Heifer Calves Over 3 mos.	2,270	252.22
6 Bulls over 3 mos.	1,900	316.67
64	$19,280	$301.25

Top: Westrick Farms Dona Posch $500
Born, Jan. 23, 1950; 619.6 f, 16904 m, 305d, DHIA. Sire: Dongelley Matador 935695 (SMP); dam: Westrick Farms Matador Posch 2800433, 554.6 f, HIR. Purchased by Harry E. Blythe, Wooster, Ohio.

Sale managed by Ohio Holstein-Friesian Ass'n., Wooster, Ohio. Auctioneers were S. C. Sprunger, Kidron and J. O. Fenstermaker, Homerville, Ohio.

Buyers and animals selling for $400 and over:

Harry E. Blythe, Wooster, O. (2)
Westrick Farms Dona Posch (1-50) $500
(Richard Bockelman, Napoleon, O.)

Orville Dryden, Jr., Manchester, O. (4)
Manfdell Burke Joy (1-53) 460
M & F Dellinger & Co., Plain City, O.)
Walnut Acres Sally Monogram (9-48) 430
(Merle Weber, Wadsworth, O.)

Denzil O. Lees, Hebron, O.
(M) Manfdell Tritomia Hank (6-54) 450
(M & F Dellinger & Co.)

Edward Neidhart, Marion, O. (3)
Spruce Valley Ajax Anne (2-49) .. 435
(Max Conklin, Delaware, O.)

Gordon A. Riley, Ashland, O. (2)
Manfdell Lochinvar Waynetta (8-54) 425
(M & F Dellinger & Co.)

Raymond T. Brown, Oxford, O. (2)
Vaniard Dunloggin Homestead (2-53) 420
(William & Owen Van Schoyck, Amlin, O.)

Thomas A. Byrne & Sons, Wapaoneta, O. (3)
Pietertje Veeman Abbekerk (1-52) 410
(Ralph E. Evans, Middle Point, O.)

Leo McGrath, Paulding, O. (2)
Etzholm Sovereign Faith (1-51) .. 410
(Arnold Etzler, Convoy, O.)

Borders Farm, Bowling Green, Ky. (4)
(M) Holwyn Progressor Major (7-53) 400
(Boulc Bros., Marysville, O.)

C. J. McCoy, Wooster, O.
Shanghigh Exec Supreme Baby (8-54) 400
(Charles H. Lewis & Sons, Hamilton, O.)

Other buyers were: Bock & Hagerman, New Carlisle; Lester H. Bahmer, Coshocton; Jack Sautter, Galion; Carlos D. Wolfe, Covington; Robert L. Russell, Radnor; James Russel Steele,

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THE HOLSTEIN-FRIESIAN ASSOCIATION OF CANADA
BRANTFORD, ONTARIO, CANADA

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Pictured are portions of certificates for Selected and Preferred Pedigree bulls, awarded usually to young bulls whose immediate ancestors meet requirements for type and production.

Learn to know and value these ratings. They are your assurance that the parents of such bulls have met requirements for both type and production and such achievement is recorded at Holstein headquarters.

Bulls from such parents stand a much better chance of producing offspring superior to that of bulls without such records behind them. Therefore, they represent the kind of inheritance which will improve tomorrow's Holsteins.

Selective Registration is still a new program. Its details are unfamiliar to many breeders. Yet, it is another step forward in Holstein progress . . . one more way to make the certificate of registry mean more. Everf breeder should know the requirements for these ratings and recognize their worth where they are found. Write for folder giving requirements for these ratings on bulls.

"... making the certificate of registry mean more..."

THE HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA

BRATTLEBORO, VERMONT

This is one of a series of advertisements created to call to your attention the reasons why "making the certificate of registry mean more" is good business for you and your fellow-breeders. You are urged to take advantage of herd improvement opportunities offered by your Association in order that progress in development of your breed may continue.

Other such advertisements will appear in this space from time to time.

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OXFORD COUNTY
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HOLSTEIN BREEDERS' ASSN.
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WELLINGTON COUNTY for Canadian Holsteins. Bred for Type and Production, Springing Cows and Heifers. Heifers to calve this fall. Accredited, Vaccinated. Write or phone 136W.
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Close springers in stock and for sale at all times. The majority are first calf heifers. We make all arrangements for entry to the United States.
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Richwood; Walter E. Rowland, Weiland Bros., Harold O. Warner, Bellevue; Edward G. Hardin, Marysville; Charles F. Lembright, Sugarcreek; Roy E. Harvey, Delaware; E. Glen Owens, Van Wert; Ray F. Jacob, Columbus; Willis E. Bishop, Urbana; Drew Adams, Jr., Marysville; Carol Jean Behm, Elmore; Harold B. Bowman, Wooster; Robert Klever, New Holland; Carl E. Leiss, Dr. Graff; Earl E. Layman, Utica; Thomas McGrath, Paulding; John Ehman, Orient; Robert L. Curmode, Powell; David M. Coover, Bellefontaine; Max Curran, Medina; Wilbur Crosby, Whitehouse; Orville Drydea, Manchester; Paul D. Graham, Oak Hill; C. W. Ernsthausen, Elmore; and Clarence W. Drown, Bellvue, Ohio.

Statistical data furnished by Ohio Holstein-Friesian Assn.

JOHN MEREDITH DISPERSAL
Held at Wallkill, N. Y., Feb. 14

CATALOG SUMMARY

13 Females 2y & over	$ 4,115	$316.54
2 Open Yearlings	500	250.00
4 Heifer Calves Over 3 mos.	562	140.53
19	$ 5,178	$272.50
11 Grades	2,552	
	$ 7,730	

Top: Lady May Dean 3948832 $500
Born, Jan. 10, 1952. Sire: Sir Bess Ormsby Fobes Dean 2589719 (SMP); dam: Sackuma Lady May Design 2589-719. Purchased by Eddie Boch, Goshen, N. Y.

Sale managed by A. J. DiBenio, Maybrook, N. Y., who also auctioneered; Chas. D. Garrison, pedigrees and auctioneer. No list of buyers reported.

AXEL RINGWIG DISPERSAL
Held at New Hampton, N. Y., Mar. 14

CATALOG SUMMARY

18 Females 2y & over	$ 4,507	$250.42
2 Bred Yearlings	340	170.00
4 Open Yearlings	505	126.25
3 Heifer Calves Over 3 mos.	260	86.66
27	$ 5,612	$207.87
3 Grades	810	
	$ 6,422	

Top: Silverway Master Harriet 3126940 $430
Born, Oct. 16, 1949. Records up to 449 f, 11740 m, at 4 yrs. DHIA. Sire, Rag Apple Master Chieftain 1006832; dam, Posch Ormsby Jewel Colantha 2890046.

Sale managed and sold by A. J. DiBenio, Maybrook, N. Y.; Chas. Garrison, pedigrees and auctioneer. No list of buyers reported.

39th ALLEGANY-STEUBEN SALE
Held Oct. 13, 1954, at Hornell, N. Y.

CATALOG SUMMARY

55 Females 2y & over (14 calves under 3 mos. a.w.d.)	$16005.00	$291.00
3 Bred Yearlings	715.00	238.33
	$17397.50	$299.96

Top: Ormsby Gypsy Alma 3156068 $420
Born July 23, 1949, 494 f, 305d, DHIA, 2X. Sire: Elgan Empress Gypsy 895652; Dam, Alma Finderne Ormsby 25235989, 413 f, 2X, 365d, ROM. Purchased by Mrs. J. Hammond & Sons, Dansville, N. Y.

Sale managed by Allegany-Steuben Holstein Club, with R. Charles and B. Olin Backus, Mexico, N. Y., auctioneers; Horace A. Backus, pedigrees.

Buyers and animals selling for $400 and over:

Mrs. J. Hammond & Sons, Dansville, N. Y.
Ormsby Gypsy Alma (twin 7-49) $420
Paula Colantha Ormsby Burke (3-47) 410

Walter L. Bower & Son, Pine City, N. Y. (3)
Rikrees Beula Chieftain (2-52) 410

Richard Hotchkiss, Castile, N. Y. (2)
Flanders Fields Dean Kelco (9-49) 400
Charles Antes, Pine City, N. Y. (2)
Rikrees Faith Finderne Wayne (8-50) 400
Henry Faryna, Perry, N. Y. (2)
Ceydermead Ellen Triune (10-52) 400

Other buyers were: George E. Potter, Jasper; Roy Meeks, Canisteo; Owen Hofbauer, Pine City; E. F. Finnigan, Dundee; Frederick Hall, Dansville; Warren Cranmer, Conesus; Charles Conklin, Portageville; Clarence Bell, Rock Stream; Anette Bowne, Geneseo; Charles Butts, Bath; Ward Dedrick & Son, Delevan; Herbert De Groff, Perry; Robert Ellis, Hornell; Edward Housel, Addison; Morris Gridley, Lindley; Harold Husted, Woodhull; Earl G. Hendee, Hornell; Albert Hubbard, James W. Hammond, Ruth F. Hammond, Avoca; Silas F. Hunt, Penn Yan; Frank Kent, Hornell; J. J. Kamenuk, Hornell; Clarence Kame, Hornell; Owen Knowles, Troupsburg; Max Mukleison, Canisteo; Neenan Bros., Holcomb; Francis O'Brien, Dundee; George U. Parker, Jasper; Glenn Ray, Lima; L. M. Schenck, Greenwood; Jerry Price, Woodhull; Norton F. Pitt, Caneadea; A. E. Scudder & Son, Painted Post; Clarence Shay, Dansville; Alton Steadman, Fillmore; Otto Sick & Sons, Cohocton; James Stewart, Canisteo; Jerome Townsend & Sons, Bath; Francis Meeham, Rexville; and Richard Wells, Castile, N. Y.

Statistical data furnished by Burton N. Ketch, Secretary-Treasurer.

307th EARLVILLE SALE
Held at Earlville, N. Y., Jan. 5

CATALOG SUMMARY

91 Females 2y & over (14 calves under 3 mos. s.w.d.)	**$28,195**	**$309.84**
3 Open Yearlings	**550**	**183.33**
3 Heifer Calves Over 3 mos.	**295**	**98.33**
7 Bulls over 3 mos.	**1,895**	**270.71**
104	**$31,460**	**$302.50**
21 Orphan Calves	**1,060**	
	$32,520	

Top: Greyrock Noble Wayne 3201454 **$600**
Born Aug. 31, 1949. Sire: Noble Lochinvar Buccaneer 944222; dam: Greyrock Rag Apple Mira 2663854, records up to 527.6 F, 16136 m, 2X, 319d, HIR. Purchased by Victor Malambri, Fulton, N. Y.

Sale managed by R. Austin Backus Inc., Mexico, N. Y.

Buyers and animals selling for $400 and over:

Victor Malambri, Fulton, N. Y. (3)
Greyrock Noble Wayne (8-49) $600
(Mrs. Henry Excell, Greene, N. Y.)
Odina Martel, S. Deerfield, N. H.
Bloomlea Lockdeen Molly (10-51) 590
Bloomlea Neptune Pauline (1-51) 510
(Walter Jensen, Clifton Springs, N. Y.)
Harfield Vashti Royal Blend (5-48) 495
Huntdale Homestead Rouble (3-49) 455
Harfield Norma Hartje (7-48) 450
Huntdale Calamity Johanna (3-47) 450
Huntdale Carnation Ormsby (9-49) 435
Huntdale Marathon Ormsby Fobes (9-48) 410
(Mrs. Henry Excell)
John Inskeep, Unionville, Md.
Tum-A-Lum Charm Inka (7-50) 515
(Aldo Panciera, Westerly, R. I.)
Law Bros., N. Norwich, N. Y. (2)
Lamaga Yucca Xanquin Cecil (11-50) 460
(Lamaga Stock Farm, Lauran & Gailan Hartshorn, Lebanon, N. Y.)
Bruce Stahl, LaFayette, N. Y.
Fairview R A Historian Ace (1-52) 440
(James H. Stone, Marcellus, N. Y.)
G. A. LaMunion, Agent, Baltimore, Md. (3)
Elkendale Chieftain Charity (3-49) 435
Elkendale Chieftain Valda (1-49) 400
(Kenneth Patchen, Locke, N. Y.)
Trunian Farms, Millerton, N. Y. (4)
Uncataloged Entry 430
Dr. H. C. Fischer, Danbury, Conn.
Mamsell Sylvia Imperial Dean (10-52) 430
(James H. Stone)

Howard C. Barker
PHONE: MONUMENT 3-6363
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Breeders' Directory

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ARIZONA

Carl Morris & Sons, R-1, Box 60, Safford; 150 hd.; HIR-DHIA; Vac.; Burke-Dunloggin.

Davidson Young, Rt. 5, Box 704, Phoenix; 80 head; HIR-DHIA; Vac. 1940; Carn.-Hazelwood.

CALIFORNIA

Wesley G. Clark, Rt. 3, Box 482, Hanford; 165 hd.; HIR; Vac.; Ky. Bess. Or. Piet. 86th breed.

Diamond S. Ranch, Geo. H. and W. N. Sawyer, Waterford; 200 hd.; DHIA; Vac. 1949; KPLO and KPOP.

Joseph M. Trindale, Jr., Merced, R-1, Box 92; 10 hd.; KPLC, Burke breeding.

COLORADO

Myron Stratton Home, Colorado Springs, 40 head; CTA; Classified, Vac.; Carnation breeding.

CONNECTICUT

W. W. Sherman, Bloomfield, Hartford; 100 hd.; DHIA; Cert.-Vac.; Montvic, Dunloggin, Wint.

GEORGIA

John P. Pickett, Cedartown, Polk Co.; 50 hd. on DHIA; AR; T.B. Bang's Pabst Regal Posch.

INDIANA

Dunbar & Middleton Farms, Colfax; 80 head; HIR; Neg.; Vac. 1941; Carn. Gov. Madcap.

KANSAS

Jake Zarnowski, Newton, Harvey Co.; 70 head; Neg.; HIR; Burke breeding.

KENTUCKY

St. Rose Farm, Springfield, Washington Co.; 76 head; Cert.; Vac.; U. S. Soldiers' Home sire.

MAINE

Garden Park, Newport, C. W. Rich; Carnation-Zimmerman world champion bloodlines; TB; Bang's free over **20 years.**

MASSACHUSETTS

Lindenbrook Farms, Spencer H. Logan, Great Barrington, Berkshire Co.; 50 head.

Hoods Cherry Hill Farm, H. P. Hood & Sons, Beverly; 405 head; HIR, DHIA; Acc-Vac.; Orms. Sen. 45th.

Great Brook Farms, Farnham W. Smith, Carlisle; 110 Head; HIR; AR; Acc-Vac; Orm. Sens. 45th-Burke.

John G. Ellis, Highfield Farm, Lee, Berkshire Co.; 34 head; HIR; Acc.; Vac.; Ray R A Tyrone.

MICHIGAN

Pine Row Farm, Lake Orion, Oakland Co., 60 hd.; HIR; Vac. Neg.; Carnation and Rag Apple breeding.

Kneedmore Farms, Pittsford, Hillsdale Co.; 80 hd.; AR; HIR; Vac.; TB Acc.; Linebred Ormsby

MINNESOTA

Glendenning Farms, Louise M. Glendenning, St. Paul Park; 220 head; TB Bang's Vac.; DHIA; Burke, Chip, Carnation & North Star breeding.

Marlow Holstein Farms, Mankato; 200 head; HIR; World's Record Femco Alma & Regal, Roamer, Burke breeding.

MISSOURI

Clyde Hill Farm, Clyde, Nodaway Co.; 135 hd.; HIR; Neg.; S. B. O. Fobes breeding.

NEW JERSEY

Bartram Farm, N. Kelley, Annandale; 100 hd.; HIR; Vac. 1941; A. O. Fobes Rag Apple, Design.

NEW YORK

Furman Huff, Honeoye; 80 head; Clove Valley Supreme Satisfaction, GM sire; Genodale Rag Apple Dictator, Plus Proven sire.

A. S. & L. W. Hill, Greene, Chenango Co.; 85 hd.; DHIA; Acc.-App.; Mont. Rag Apple breeding.

E. P. Smith, Sherburne, Chenango Co.; 250 head; DHIA; T. B. Acc.; Vac.; Posch, Fobes, Osborndale.

OHIO

Glenn Shreve, Damascus, Mahoning Co.; 40 hd.; HIR-AR; TB-Bang's Acc.; Dunloggin.

OKLAHOMA

Eastern Okla. Hosp. Dairy, Vinita, Craig Co.; 350 head; HIR; Vac.; Ormsby, Triune Carnation.

PENNSYLVANIA

Willow Ridge Farm, Willow Grove, Montgomery Co.; 125 head; HIR; Pa.; Bang's, TB; Dunloggin Mont.

TEXAS

Carington Farms, Box 1175, Austin; HIR-CTA; Classified; Carnation-Burke breeding.

UTAH

Brigham Young Univ. Dairy Farm, Provo; 30 hd.; HIR; Carn. Gov. Madcap & Hazelwood breeding.

VERMONT

Elmwood Farms, Landon & Merritt, New Haven; 200 head; Acc.; Cert. Vac. 1937; Ormsby Sensation 45th since 1932.

Lochlyndon Farm, Lyndonville, Caledonia Co.; 65 head; AR, DHIA; Cert., Acc., Vac.; Montvic Rag Apple breeding.

WASHINGTON

Veraway Farms, I. W. Youngquist, Bow; 60 head; HIR; Hazelwood-Homestead breeding.

WISCONSIN

Chas. & Donald Brace, Lone Rock, Richland Co.; 70 head; DHIA; HIR; Vac.; Dun., Orms. Var Kg.; Or.

Leebern Butterfly Key Var (11-52) 400
(James J. Corrigan, Staten Island, N. Y.)
W. W. Burtis, Cortland, N. Y. (2)
Roandale Phoebe Abegweit (12-51) 410
(Frank Szczepanski, Johnson City, N. Y.)
L. & D. Marshall, Pratts Hollow, N. Y.
Honeydale Rag Apple Cindy (9-50) 400
(Ferdinand F. Lewandrowski, Poland, N. Y.)
Everett Park, Tully, N. Y.
Midhills Rag Apple Colantha (1-50) 400
(Paul Pushlar, Cazenovia, N. Y.)
Fred Davis, Guilford, Conn. (3)
Mathewsfield R A Serena (11-52) 400
(Horace A. Backus, Mexico, N. Y.)

Other buyers were: Norval L. Pratt, New Woodstock; Jonas W. Parmeter, Munsville; Eugene Terrill, Fabius; Ted Rice, Little Falls; M. J. Stas, Fabius; Robert Swartz, Syracuse; Harold Smith, Greene; Loren Rowe, Halcottsville; Harold Talbot, W. Winfield; Wm. J. Thompson, Apulia Station; R. Edward Whitmore, Watertown; Mason G. White, Norwich; Ivan Unger, Hubbardsville; Robert Wilkins, Homer; Alex Wood, Bridgewater; Ashville V. Loomis, N. Pitcher; Clifton Law, Sherburne; Edgar Maynard, Smyrna; Miles B. Marshall, Morrisville; Raymond Meeker, Jordan; Robert Thomas, Clinton; Daniel Maxson, W. Edmeston; Bernard McGowan, Oxford; Marjorie Moore, Gloversville; Ash Grove Farms, Saratoga Springs; Bel-Air Farms, Millbrook; Ira Carpenter, Middletown; Bill Carney, Vernon Center; B & W Livestock Sales, Apulia Station; Harvey Alford, Marcellus Walter Belewich, Ava Eugene Burrows, N. Pitcher; Conrad Bader, Richmondville; James J. Corrigan, Staten Island; Charles Fields, Morrisville; Raymond Bouchoux, Hancock; Walter Gardner, Macedon; Ernest & Donald Greiner, Kirkville John Durie, Jr., Middleburg, N.Y. T. Maynard Kling & Son, Clarkburg, Md.; F. C. Baker, S. Shaftsbury, Vt.; Raymond Baldwin, Richfield Springs, Penna.; E. & J. Farms, Willimantic, Conn.; and Norman Van Horne, Hackettstown, N. J.

Statistical data furnished by R. Austin Backus, Inc., Mexico, N. Y.

JESSE S. CONKLIN DISPERSAL

Held at Marathon, N. Y., Feb. 22

CATALOG SUMMARY

30 Females 2y & over	**$ 7,200**	**$240.00**
(2 calves under 3 mos. s.w.d.)	**115**	**57.50**
4 Bred Yearlings	**515**	**128.75**
8 Open Yearlings	**1,030**	**128.75**
11 Heifer Calves Over 3 mos.	**700**	**63.64**
2 Bulls over 3 mos.	**440**	**220.00**
55	**$10,000**	**$181.82**
16 Grades	**2,312**	
	$12,312	

Top: Nan-Way Johanna Piebe Barron **$470**
Born, Sept. 12, 1949; 509 fat at 2 yrs., DHIA; Sire: Big Elm Montvic Baron 985537; dam, Johanna Piebe Ormsby Abbekerk 2297384. Purchased by Harold J. Smith.

Sale managed by R. Austin Backus, Inc., Mexico, N. Y.

Buyers and details on animals selling for $400 and over:

Harold J. Smith, No Address Given
Nan-Way Johanna Piebe Baron (9-49) $470
Noblevar Farms, Mexico, N. Y.
Nan-Way Sovereign Marta (9-51) 465

Other buyers were: Iver E. Howe, Cortland; Delmar S. Hammond, Trumansburg; Edward Howsler, Freeville; Fred J. Saltsman, Cortland; Albert Hollenback, Spencer; Aaron Haynor, LaFayette; Iver E. Rowe, Cortland; Edward Howsler, Freeville; David Parker, Marathon; Ivan Unger, Hubbardsville; Floyd Sears, Marietta; H. D. Harvey, Marathon; Raymond Stevens, Slaterville; F. H. Stafford, Dryden; William Walker, Marathon; R. Whittier, Freeville; Kenneth Ward, Candor; Leonard Kimmich, Marathon; Ernest Machlman, Bainbridge; John E. Rowe,

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Statistical data furnished by R. Austin Backus, Inc., Mexico, N. Y.

144th GARDEN SPOT SALE

Held Jan. 20 at Lancaster, Pa.

CATALOG SUMMARY

60 Females 2y & over (11 calves under 3 mos. s.w.d.)	$16,035	$267.25
3 Bred Yearlings	365	33.18
4 Bulls over 3 mos.	710	236.67
	1,075	268.75
67	$18,185	$271.42
3 Orphan Calves	175	
	$18,360	
22 Grades	3,511	
	$21,871	

Top: Elva Commander Elm-Becca 3420202 (GP) **$555**
Born Oct. 11, 1950; 394.2 f, 10952 m, 25m, 365d, 2X, HIR. Sire: Wayne Rag Apple Commander 178969C; dam, Supreme Echo Darkie 3325377, 466.8 f, 13982 m, 300d DHIA. Purchased by Abram Z. Rittenhouse, Lansdale, Pa.

Sale managed and sold by R. Austin Backus Inc., Mexico, N. Y.

Buyers and animals selling for $400 and over:

Abram Z. Rittenhouse, Lansdale, Pa.
Elva Commander Elm-Becca (10-50) $555
Elm-Becca Farm, Elverson, Pa.

Albert B. Green, Bernville, Pa. (2)
Lime Rock Greenwood Posch (8-51) 460
(Hubert S. Miller, Myerstown, Pa.)

Elmer Graber, Zionsville, Pa. (3)
Hyatt Sovereign Priscilla (10-52) 430
(Richard & Ruth Hyatt, Hyatt Dairy Farm, Ronks, Pa.)
Jean Hartje Model Supreme (Twin 12-47) 400
(Charles R. Buchanan, Cortland, N. Y.)

Alton Herman, Myerstown, Pa.
Lime Rock Rag Apple (11-52) 420
(Hubert S. Miller)

Clyde W. Gsell, Chambersburg, N. Y. (4)
Blue Stream Woodsmaid Silver (3-49) 410
(Henry K. Miller, Blue Stream Farm, Lebanon, Pa.)

Other buyers were: Nelson Wolf, Abbottstown; John D. Thompson, West Grove; Raymond Reichert, Abbottstown; Steidler Bros., York; Benjamin Simmons, Chadds Ford; Samuel L. Wolf, New Oxford; Elmer Yoder, Huntingdon; Clarence Ziegler, Vernfield; Jonas S. Zook, New Holland; Joe B. King, Ronks; Grant H. Kieffer, Peach Bottom; Alvin F. & Reuben D. Anders, Doylestown; G. E. Kulp, Manheim; Clifford Orbacker, Doylestown; Eugene Brubaker, Lebanon; Walter Brauw, York; S. F. Baker, Waterside; Frank G. Cassidy, Peach Bottom; G. E. Culn, Manheim; Charles T. Coffelt, Gettysburg; Jonas Miniger, Souderton; Dayton Derstine, Franconia; Jonas S. Lapp, Ronks; Harold Landis, Obelisk; Norman Yoder, Coopersburg; Gale Glatts, Cochranville; H. Z. Gross, Manchester; Henry N. Fisher, Strasburg; Benjamin T. Fisher, Paradise, Pa.; Benjamin Watkins 3rd, Davidsonville; H. F. Nagel, Federalsburg; Russell J. Keller, Port Deposit; George E. Graefe, Fallston; Clyde W. Farmer, Conowingo, Md.; Walter Hill, Smyrna; Fred Cooper, Odessa; and George A. Clay, Middletown, Del.; and Samuel G. Powell, Salem, N. J.

Statistical data furnished by R. Austin Backus, Inc., Mexico, N. Y.

SUNNYFIELD HERD AVERAGED $306

Catalog Summary

100 Females 2y & over (14 calves under 3m sold with dam)	$33,785	$337.85
11 Bred Yearlings	3,470	315.45
15 Open Yearlings	2,540	169.33
17 Heifer Calves over 3 mos.	2,440	143.53
5 Bulls over 3m	1,680	336.00
148 head	$45,330	$306.28
13 Grades	2,632	
	$47,962	

The Sunnyfield Farms herd of H. C. and A. Harlow, Middletown, Rhode Island, on March 10 and 11, brought the fine average of $306 for 148 registered Holsteins. Thirteen grades averaged $202. The top price was $810 paid by Manuel Corey of Middletown, Rhode Island for Aquidneck Wood Harlow Ruth, a 3-year-old daughter of Merrimack Regent Wood, the junior herd sire. She was at the end of her junior 2-year-old lactation, with 542 lbs. of fat on 2X in 334 days. Her sire was the third highest priced animal at $625, going to Eugene V. N. Bissell of Windsor, Vermont. This bull is a 5-year-old son of Rag Apple Regent out of a 666-lb. fat daughter of Newmont Mutual Marathon (E-SMP).

Frank T. Corey of Middletown, Rhode Island, paid $650 for Bonnyvale Dunwood Rosamond, 5-year-old granddaughter of Dunloggin Woodsman. Her 2-year-old daughter sold for $430.

The buyers were from Rhode Island, Massachusetts, Connecticut, Vermont, New Hampshire and South Carolina. The sale was under the management of W. A. Baker, Exeter, New Hampshire. Auctioneer was T. R. Langdell of Wilton, New Hampshire.

The complete list of buyers and animals selling for $400 or more was as follows:

Manuel Corey, Middletown, R. I. (7)
Aquidneck Wood Harlow Ruth (12-51) $810
Aquidneck Dauntless Lynn (6-52) 410
Aquidneck Ramsey Jeanette (3-52) 410
Aquidneck Model Harlow Gert (2-53) 400

Frank T. Corey, Middletown, R. I. (11)
Bonnyvale Dunwood Rosamond (9-49) 650
Joppa Hill Formax Dorothy (11-50) 530
(M) Skokie Prince Piebe (2-47) 420

Eugene V. N. Bissell, Windsor, Vt. (4)
(M) Merrimack Regent Wood (1-50) 625
Aquidneck Wood Harlow Queen (12-52) 450

John H. Blood, Pepperell, Mass.
River Crescent Beulah Pontiac (2-46) 520

W. L. Thorp & Sons, Merrow, Conn. (6)
Wild Rose Segis Man-O-War Nal (10-46) 500
U N H Allen Farm Wood Jean (5-47) 460
Hillgeorge Midnight Empress (7-48) 410

Boyhaven, West Newburg, Mass. (4)
Howacres Rag Apple Belinda (11-45) 500

Boscawen Ormsby Carl May (11-52) 440

John S. Kesson & Son, Paramount Farms, Middletown, R. I. (7)

Aquidneck Glorious Carolyn (11-51) 500

Aquidneck Wood Harlow Annette (1-52) 430

Claude Castonguay, Putnam, Conn.

Shaws Jewell Jane (10-51) 500

Eva Posch Idlenot R. A. (8-51) 450

Maple Lake Farm, Kenyon, R. I.

Boscawen Harriet Renegade (12-50) 490

Irving W. Anthony & Son, Newport, R. I. (3)

Hilla Joan Anna (9-45) 470

Laurel Ridge Farm, North Haven, Conn. (3)

Rocko Vanity (1-46) 470

Raymond E. Nichols, E. Pepperell, Mass. (4)

Bonnyvale Sensation Roslyn (2-52) 430

George S. Davis, Sterling Jct., Mass. (3)

Aquidneck Wood Harlow Angela (6-52) 420

Manuel G. Moitozo, Seekonk, Mass. (5)

Aquidneck Wood Harlow Lilly (5-52) 410

Hillsborough County Farm, Grasmere, N. H. (4)

Glenolden Rag Apple Nancy (3-50) 400

J. Warren Chadwick, Boxford, Mass.

Grafco Leader Julie (8-52) 400

Other buyers were: Alfred Arruda, Middletown; Anthony Arruda, Newport; U. Robertshaw, Tiverton; Herbert H. Roberts, Jr., Peace Dale; Lanciaux Bros., Valley Falls; Manuel R. Selveira, Jr., Newport; Robert Straight, Greenville; I. Thornton Sherman, Newport; Merrick K. & Horace B. Wilder, Little Compton; Maple Lawn Farm, Oshaway; William Manchester, Warren; Antone Moniz, Middletown; Frank Nunes, Jr., Middletown; C. R. Edwards, Kenyon; Anthony R. Lombardi, West Warwick; Manuel Lial, Warren; Lucian G. Lebreux, Tiverton; Raymond J. Ferreira, Portsmouth; Louis C. Gomes, Tiberton, R. I.; J. W. Lestowick, Sterling; Ralph S. Brown, Bulrush Farm, N. Situate; Myron Furtado, Swanson; Leslie B. Davis, N. Westport; Wallace W. Alson, N. Bridge; Conrad Otto, Reheboth; Frank Ryetewski, Rochester; Gilbert P. Robery, W. Bridgewater; G. Swanson, Reheboth; Frank Rose, Attleboro; Embert G. Stevens, Rutland; Frederick Zuber, Walter Tomkiewicz, New Bedford; Lillian Baxter, Blackstone, Mass.; Hoffman Bros., Rockville; Joaquin A. Almada & Son, Brooklyn; Harvey Polensky, Jewell City; Henry R. Rothe, Jr., Rockville; Edward Lugembull, Rockville; Philip B. Cheney, W. Woodstock, Conn.; Reginaldl Sharp, Newfield; Alvin L. Clark, Alstead, N. H.; and Oliver Iselin, Kingston, S. Car.

Statistical dataa furnished by W. A. Baker, Exeter, N. H.

MINNESOTA DHIA SUMMARY

For the fourth consecutive year, Minnesota has ranked 5th among the states for number of herds on test. The 57,328 cows tested during 1953 averaged 9460 lbs. milk and 357 lbs. fat, returning an average profit over feed cost of $187.16. There were 118 testing associations listed, with their highest producing herds. Of these leading herds, 101 were registered Holstein, grade Holstein, or combined registered and grade herds. There were 29 herds listed with average production above 500 lbs. of fat, and 27 of these were registered, grade, or registered and grade Holstein herds. Registered Holsteins led all other herds, both in Association leaders and 500-lb. herd averages.

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Kills flies, lice, ticks, mites and other stock pests. Your cattle treat themselves. Recommended for use with a New Special Spray Concentrate that's safe around dairy barns and milk rooms . . . many times more powerful than D.D.T. and the residue is non-poisonous. Priced at $29.50 postpaid including one gallon concentrate that makes up to fifty gallons ready to use spray when mixed with your water or oil.

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For chapped, cracked, touchy teats; massage.

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Few registered Yorkshire 6-week weaning pigs $25; 10-weeks $35 for 4-H boys' and girls' work. Young bred gilts $75.
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9466 W. Miller Road
Swartz Creek, Michigan

Letters

COMMENTS ON NEW HERD AVERAGE PLAN

Editor, Holstein-Friesian World:

You suggested that comments be sent in concerning the new lactation sort of HIR herd averages. Although in general I approve of the plan, there is one aspect which I do not feel is sound.

The proposed plan would facilitate and instigate breeding of cows with the ability to produce more milk in one year. It will be a great aid to the fancy breeder who makes astounding yearly records on individual cows. Their first 305 days production will determine the herd average. What about their year after year production though? I read somewhere that the cow that produces 10,000 lbs. year after year during 10 lactations is as good as the cow that calves once every two years and produces 25,000 for a few years. I guess that it is true she is as good a cow and I am sure she is the more profitable cow for the dairy farmer. The dairy farmer needs cows with inherited ability to have a calf every 365 days. This is as important as high production. If we make it attractive for the fancy dairyman to keep poor reproducers sooner or later this is the type of cow the Holstein will become. The fancy breeder sets the type but the ordinary dairyman does not have to buy the product. Holsteins are good and I would like to see them not only be higher milk producers but good reproducers.

I have no plan in mind but feel that some sort of calving requirement should be added to the "lactation average", possibly count only the lactations from cows that calve within 420 days or some such figure.

John M. Ramsay
Dairy Manager
Warren Wilson College
Swannanoa, N. Car.

COMMENT ON CALENDARS

Editor,
Holstein-Friesian World:

I very much appreciate your thoughtfulness in sending me a 1954 All-American calendar. A survey of the photographs appearing on these calendars even during the past five or six years shows definite trend toward a uniformity in type in the various age groups. It is my opinion that the All-American Selection Committee had more depth of extremely high scoring animals in each of the classifications than has generaly been available to any of the earlier committees working on this exceedingly important project. Congratulations on the success of another great All-American Selection project in 1954.

Holstein-Friesian Assn. of America
Brattleboro, Vermont

Glen M. Householder
Special Representative

LIKED WESTERN DIRECTORY

Editor, Holstein-Friesian World:

We are very much pleased to find, in the February 19th issue of the WORLD that the Pacific Northwest is included in your magazine.

We think this should create a great deal of new interest in the Holstein business, for we have some wonderful animals in the Northwest and the breeding program is improving all the time.

Route 2 Grover C. Vest,
Nyssa, Ore. Vest Bros.

FASTER COMMUNICATION FOR INSEMINATORS

Two of the artificial breeding services in Berkshire County, Mass., have used two separate and distinct "speed-ups" in getting calls to the technicians for the past several months.

In southern Berkshire, Technician Ward A. McCarthy is enthusiastic about an automatic telephone answering device which the New England Telephone & Telegraph Co. installed. When Mr. McCarthy is out on calls or otherwise away from the phone, he leaves the answering device connected.

When a call comes in, the recorder answering device takes the call, tells the farmer what information is needed, then allows sufficient time and further recording space to receive and record this data. These messages are preserved so that Mr. McCarthy can play them back as needed.

This was one of the first, if not the first, in the entire East and the telephone company is as pleased as Mr. McCarthy; they ran a feature some time ago in their own house organ.

The Berkshire Proved Sire Service has installed a two-way radio in the car of Technician Boris DeBussy and a communication hook-up has been provided by the Berkshire Radio Service of Pittsfield, Mass.

Members call the Pittsfield number and the call is immediately radioed to the technician, resulting in better service, especially on late calls.

--Dwight P. Campbell

COBA HOLDS ANNUAL MEETING

The Central Ohio Breeding Association (COBA) held its annual meeting at Ohio State University, Columbus on February 19 and was attended by some 800 people. Full reports on the activities of the organization were given. Prof. N. P. Ralston of Michigan State College was the guest speaker.

The Association handled 164,334 first services in the previous year, of which 14,685 were with frozen semen. This organization is making rapid advancement in that field. The Holstein department of the Association accounted for nearly half the services with a total of 75,943 cows bred to their Holstein bull battery in 1954. They used six Gold Medal bulls as follows: Pabst Signal, Bill Bess Burke, Pabst Burke Tritomia Don, Weejoe Gracious Wintorias, Hurlwood Conqueror and Eglantiers Rag Apple Dutchland. The Don bull is now dead but a limited amount of frozen semen was on hand at the time of his death. Three of these bulls were acquired during the year, so that one was in service only part of one month and two others only nine months.

In addition to the Gold Medal sires, three Silver Medal Type bulls that are DHIA proven sires are in the battery these being, Rag Apple Var Model, Pietertje Maid King and Carnation Cedric Inspiration. These well proved bulls accounted for something over two-thirds of the total cows bred to Holstein bulls at COBA during 1954. The COBA stud is located at 1224 Alton-Darby Creek Road, Columbus 4, Ohio.

CANBY AGAIN HEADS PENNA. DAIRYMEN

At a recent meeting of the Pennsylvania Dairymen's Association board of directors, Joseph O. Canby, Langhorne, was reelected president. William M. Folwell, Newark, Delaware, was made vice president and Charles E. Cowan, Lancaster, reelected secretary. Donald V. Seipt, Easton, was chosen as assistant secretary.

Plans are made for another dairy cattle judging school in cooperation with Pennsylvania State University July 7 and 8 at University Park (formerly State College). Joe S. Taylor, head of dairy extension at Penn State, was designated as chairman of the judging school. Association plans were initiated also for PDA participation in the 1956 Pennsylvania Farm Show next January at Harrisburg. These plans are to be developed May 2 in Harrisburg by the committee in charge, of which Canby is chairman.

No More "Silage Stink"!

Just treat your grass silage with STA-FRESH® Sodium Bisulfite ...and you can keep it fresh, green, sweet-smelling! Yes—with STA-FRESH, you can get rid of "silage stink" that often contaminates milk, gets into your clothes and smells up your home. But that's not all STA-FRESH does—

Makes Silage *More Nutritious!*

STA-FRESH treated grass silage is more nutritious, more appetizing to your cattle, too.

Feeding tests show cattle eat up to four times more STA-FRESH-treated silage when given a choice between it and ordinary silage. Sugar and carotene content in STA-FRESH silage is much higher, too!

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Leading agricultural experts recommend STA-FRESH. Thousands of enthusiastic farmers are using it successfully. STA-FRESH Sodium Bisulfite comes in convenient powder form packed in 80-pound bags. It is amazingly easy and inexpensive to use. Just apply 8 pounds per ton of silage when you ensile your grass crops in upright or trench silo!

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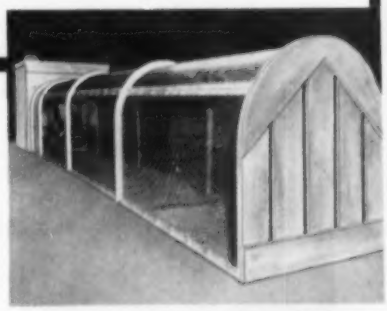

Yes, you'll save up to 50% on supplement feeding alone when you have hay that's mow-cured with this UNI-DUCT Hay Drier. Preserves the green color, and without leaf-loss you get 25% more hay per acre. No weather risk either, when hay can usually go into mow same day cut. Made of strong steel throughout, this scientifically designed drier is ruggedly built, yet easily installed. **FREE**—Send for free illustrated folder on this latest development in hay drying.

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For the economical way to build or modernize your barn, get the brand new LOUDEN BETTER BARNS BOOK. The most helpful book ever written on barn planning and equipping. Yours FREE, but dime to cover mailing will be appreciated. Write today.

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Whether it's stalls, stanchions, water bowls, crop driers, milking parlors, barn cleaners or any other item in the LOUDEN line, successful farmers have learned LOUDEN equipment lasts years longer because it's extra rugged. Does the job better, because it's more efficient—cuts labor costs, boosts net profits.

LOUDEN
THE GRADE-A LINE OF BARN EQUIPMENT

Skilled Hands

at work for the dairy farmers of America

Many hands, skilled in special fields, work with your American Dairy Association toward a common goal: increased use of dairy products. Skilled researchers learn what people think about your products. Skilled advertising craftsmen create selling appeals that send housewives shopping for your products. Skilled merchandising men work for better store displays *and sales* of your products. Skilled public relations people build a continuingly favorable attitude and interest in your products.

Through the American Dairy Association program, supported by dairy farmers who invest 2¢ per hundredweight of milk or ½¢ per pound of butterfat marketed, this total sales effort designed to sell more dairy foods to more Americans is moving ahead.

1. RESEARCH—Here is a housewife being asked about her buying habits and uses for dairy foods. The skilled interviewer is from a research organization employed by American Dairy Association. Digging out the reasons people buy and use dairy foods is the first step in developing persuasive selling messages for radio, TV and print advertising.

2. MERCHANDISING—Good merchandising brings the product and the customer together at the point of sale. Hands skilled in retail selling are developing new ways to move more dairy foods out of the dairy case into the family kitchen. This has made your grocer's dairy department space the most profitable in his store.

3. ADVERTISING—Walt Disney's skilled hands produce the Disneyland TV show, one of the "top ten" TV programs in the nation. This adds real power to American Dairy Association's well balanced sales program. Through Disneyland, tested sales messages on milk and other dairy products reach 40,000,000 people weekly . . . at a cost of 1/10 cent per person reached.

4. PUBLIC RELATIONS—Milk was spotlighted on every TV and radio network and in practically all newspapers as a result of Eleanor Maley's flight to Paris to present a gift of milk to Premier Mendes-France. Creating a continuing public interest in dairy foods and dairying—America's most progressive industry—is a job being done by skilled public relations people.

The Dairy Farmers' Own

AMERICAN DAIRY ASSOCIATION

sells more dairy foods to more Americans

20 North Wacker Drive, Chicago 6, Illinois

You never outgrow your need for milk

NEW SCHOLARSHIPS ANNOUNCED

Ralston Purina Company, St. Louis, Mo. announces a new scholarship program for the 1955-56 school year. The $500 scholarship will be available annually in each state plus three in Canada for awarding to an incoming senior in the College of Agriculture at the Land Grant College. Requirements are that the recipient must be in the upper 25% of his class, must have shown evidence of special leadership in special activities, show moral firmness and vigor in all his relationships, demonstrate good citizenship, have sincerity of purpose in agriculture as his chosen field, and also have financial need.

These scholarships are in addition to the Ralston Purina Research Fellowship awards which the company has sponsored for several years in graduate work.

LEDERLE OFFERS VETERINARY SCHOLARSHIPS

To combat a shortage of well-trained research workers in the field of veterinary medicine, Lederle Laboratories Division, American Cyanamid Company, has announced the creation of the "Lederle Veterinary Medical Students Research Scholarship" of $1,000 for each accredited Veterinary College.

The scholarships, which become available on July 1, 1955, will be turned over to the Dean of each Veterinary College for administration and selection of a student.

According to Lederle officials, it is hoped that the fund will be a means of encouraging senior veterinary students in the field of research; and will stimulate more students to act as assistants to trained research workers. This would greatly relieve the shortage of trained workers and more rapidly advance the science of Veterinary Medicine.

Quentin Beisel, Shiremanstown, Pa. took top honors among all the six Dairy Herd Improvement Associations of the county. His registered Holstein herd of 14 head averaged 14,488 lbs. milk, 541.9 lbs. fat. Individual honors among the 3,693 cows enrolled in the six Cumberland County associations went to Huntsdale Beets Ovation 3242320, a registered Holstein in the herd of Meryl H. Sheaffer, Huntsdale. Her 305 day production was 22,241 lbs. milk, 815.8 lbs. fat. The recent county-wide dairy banquet in which all six associations participated drew an attendance of 260 dairymen, businessmen and their families.

FOUNDATION FEMALES

Foundation Females — the basis of the dairymen's present and future income for, as you will know, the amount of income is dependent on the quality of the females in the herd.

The right kind of females in your herd will help you to bigger income by giving more milk and better calves than can be obtained from the ordinary kind.

Let me help you in your search for the "right kind" because . . .

"Foundation Females are my Business"

DONALD E. HOUCK

BRAMPTON, ONTARIO

PHONE 220-J-12

Our Senior Sire . . .

HAMARET VICTORY TITLEHOLDER

SON OF THE 1319-lb. "QUEEN"

HAMARET QUEEN PROSPECTOR
(EX)

6-11	365	2X	35,564	3.7	1319.1	AR
(National Champion for Fat and Milk)						
5-6	365	2X	31,679	3.5	1098.1	HT
(3d cow in U.S. to make over 30,000 lbs. 2X)						
4-1	365	2X	20,432	3.4	701.3	HT
2-10	365	2X	13,920	3.5	459.0	DHIA

Queen's son is by a son of Montvic Rag Apple Diamond (he by Marksman) out of the 906-lb. 3.9% 2X Sprucehaven Farm Della. Paternal sisters to Titleholder are proving out wonderfully in our herd.

VICTORY SEMEN IS AVAILABLE

Hamaret Farms

Accredited & Certified

CHARLES H. PRATZ WATERLOO, NEW YORK

His Daughter Selling — April 22

Southeastern Penna. Breeders Sale

SPRING FARM FOND HOPE
(XXX-EXTRA)
3-times All-Canadian, his 37 tested daughters average 4% test.

JEWEL HOPE OF ELM-BECCA

A yearling daughter of Fond Hope. Her dam, a paternal sister to the great Spring Farm Juliette (*Ex), 7 times All-Canadian, has at 2 years 2X in 357 days, 13,158 milk, 569 fat, 4.32%.

Also selling in the sale at Doylestown is a Jan. 7, 1955 calf from a 4% cow with nearly 600 fat. The calf by HILLMAC SOVEREIGN (GM) — here is a show calf for someone.

ELM-BECCA FARM

Elverson, Penna.

Certified Vaccinated Accredited

147th GARDEN SPOT SALE

LANCASTER, PENNA.

At the J. M. Brubacher Farm, Willow Street Village 4 miles south of LANCASTER, PENNSYLVANIA, just off Routes 72 and 222.

Thursday — April 21

75 REGISTERED HOLSTEINS

All Bang's Certified and T. B. Accredited—Nearly all Calfhood Vaccinated.

Fresh and Close Females
Bred and Open Heifers
A Few Heifer Calves
Some Service Age Bulls

Pennsylvania's Holstein market place where quality reigns supreme. Plan now on the 147th GARDEN SPOT SALE at Lancaster, Pa., April 21.

R. AUSTIN BACKUS, INC. — Sale Managers, Mexico, New York

EARL L. GROFF — Local Representative, Strasburg, Penna.

MELDOMAR COMET DOREEN
First aged cow, senior and grand champion of 1955 Waukesha Dairy Show. She won the same honor for Braun's Sunny Lea Farm of Waukesha in 1954. She is Excellent and was a member of the 1953 Res. All-Am. get of Pabst Comet.

STE. AGATHE CALAMITY ROCKETTE
First 4-year-old and winner of best udder class, Waukesha Dairy Show. Pabst Farms, Inc., Oconomowoc, Wis.

Waukesha Dairy Show

Holstein judging at the week long Waukesha (Wisconsin) Dairy Show was Tuesday, March 15, and there were 110 Black and Whites from five different counties and 25 exhibitors that made up a show of the usual high quality at this spring event—the 37th annual show. Judging of all breeds was very ably handled by E. E. Ormiston of the dairy department, University of Illinois.

Except for being rather light in the bull classes, this was a well balanced show with the first place ribbons divided between seven exhibitors. Last year's grand champion cow came back to repeat at this show; she is Meldomar Comet Doreen, Excellent daughter of Pabst Comet exhibited by Braun's Sunny Lea Farm of Waukesha. Grand champion bull was Piper View Strathmore Flood, Excellent member of the Piper Brothers' stud at Watertown, his sire an Excellent bull with a long string of show winnings himself. "Flood" was senior champion here in 1954.

Both junior champions went to Allen Hetts of Ft. Atkinson and they were each sired by Hickory Creek Gomar. The senior bull calf winning the junior championship is owned in partnership with Craig Beane, also of Ft. Atkinson. The heifer is a junior yearling and a daughter of Crescent Beauty Lady Gloria, All-American and winner of many championships at this show and at other major fairs. A maternal sister to this year's junior champion won the junior purple ribbon here last year.

Pabst Farms succeeded in winning the most blues, four in the individual classes and first in dairy herd. In addition to the two champions Allen Hetts had first senior heifer calf on an inbred "Comamnder" and showed the two junior chapions along with the second prize junior yearling heifer of Joyce Majeskie to win first in junior get of Hickory Creek Gomar.

Richard Mayer, Slinger, had two firsts on yearling bull and junior heifer calf while his father, Christ Mayer, had winning two year old heifer, first produce and winning breeders' young herd. Richard's first prize yearling bull was first junior bull calf in 1954. Christ Mayer was awarded the premier breeder banner, given here for the first time.

His second prize junior get of Hickory Creek Sensation was remarkably uniform and brought forth much favorable comment—they did not have the maturity to win over the "Gomar" get.

Using their grand champion cow and two other daughters of Pabst Comet, Braun's Sunny Lea Farm won first on senior get of sire as they had last year. Strongest competition for grand champion cow was the Pabst four year old, winner of the best udder class. Judge Ormiston, admitting that the aged cow did not show the smoothness on the floor of the udder of the four year old, gave the older cow the advantage in capacity and dairy quality. Pabst Farms' other firsts were three year old daughter of Wis Leader, Plain View Inga, recently classified Excellent; first senior yearling heifer, Pabst Winnie Faith, All-American jun-

PIPER VIEW STRATHMORE FLOOD
First aged bull, sr. and grand champion, Waukesha Dairy Show. Piper Brothers, Watertown, Wis.

CRESCENT BEAUTY LADY GLORIA 5TH
First Jr. Trig. and junior champion, Waukesha Dairy Show. Allen Hetts, Ft. Atkinson, Wis.

CRESCENT BEAUTY COMMANDA
First Senior heifer calf, Waukesha Dairy Show, Allen Hetts, Ft. Atkinson, Wisconsin.

ior yearling of 1954; and first on dairy herd.

Waukesha County's second prize four year old, Pewaukee Burke Jean, was good enough to win the three year old class last year; this institution herd also won second prize senior get of sire. Other exhibitors not breaking into the blue ribbon group but represented by animals with lots of strength were Walworth County Hospital from Elkhorn with second breeders' young herd and third places in two year old cow, junior yearling heifer, junior heifer calf and junior get of sire. Morris Brothers of Oconomowoc came through with second produce of dam and third prize in breeders' young herd and senior get of sire.—F. C. B.

Detailed placings follow:

Bull 3 Years old or over (2)
1. Piper View Strathmore Flood, Piper Bros. Farm, Watertown, Wis.; 2. Dibble Crescent Renown Lad, Levi & Gerald Baker, Eagle, Wis.

Bull 1 Year and under 2 (1)
1. Mayer's Prince Henry, Richard Mayer, Slinger, Wis.

Senior Bull Calf (6)
1. Crescent Beauty Gomar Prince, Allen Hetts & Craig Beane, Ft. Atkinson, Wis.; 2. Larrietta Raven Supreme, John Schacht, Oconomowoc, Wis.; 3. Pabst Leader Jess Vale, Pabst Farms, Inc., Oconomowoc, Wis.; 4. Pabst Leader Walk, Piper Bros. Farms; 5. Arwyn Comet Roy, Morris Bros., Oconomowoc, Wis.; 6. Brauns Governor, Braun's Sunny Lea Farm, Waukesha, Wis.

Junior Bull Calf (6)
1. Piper View Strathmore Hello, Piper Bros. Farms; 2. Mayers Sensation Dandy, Christ A. Mayer, Slinger, Wis.; 3. Majeskie Crescent Black Magic, John Majeskie, Waukesha, Wis.; 4. Mayers Gomar Type Setter, Christ A. Mayer; 5. Dibble Crescent Tradition, Ben Dibble, Pewaukee, Wis.

Cow 5 years or over (10)
1. Meldomar Comet Doreen, Braun's Sunny Lea Farm; 2. Jule Vickery Juliana, Allen Hetts; 3. Sims Alcartra Aaggie, Piper Bros. Farms; 4. Crescent Beauty Admiral Lady, Allen Hetts; 5. Mayers Daisy Bonheur Blondie, Christ A. Mayer; 6. Piper View Strathmore Mooie, Piper Bros. Farms.

Cow 4 years and under 5 (6)
1. Ste. Agathe Calamity Rockette, Pabst Farms; 2. Pewaukee Burke Jean, Waukesha Co. Hospital, Waukesha, Co. Hospital, Waukesha, Wis.; 3. Birdlawn Comet Hartog, Braun's Sunny Lea Farm; 4. Piper View C. Madcap Queen Lass, Piper Bros. Farms; 5. Curtiss Candy Proud Sara, Kemp A. Wilson, Mukwonago, Wis.; 6. Arwyn Belmont Roama, Morris Bros.

CRESCENT BEAUTY GOMAR PRINCE
First sr. bull calf and junior champion, Waukesha Dairy Show. Allen Hetts, Ft. Atkinson, Wis.

Cow 3 years and under 4 (10)
1. Plain View Inga, Pabst Farms; 2. Commander Crescent Queen Fobes, Allen Hetts; 3. Larrietta Roamer Miss Raggie, Larrietta Farm, Oconomowoc; 4. Wal-Co-Farm Inka Dawn, Walworth Co. Hospital, Elkhorn, Wis.; 5. G-Farm Beverly Comet, Braun's Sunny Lea Farm.

Cow 2 years and under 3 (10)
1. Mayer's Mistress Karen, Christ A. Mayer; 2. Pabst Raven Joan, Pabst Farms; 3. Wal-Co-Farm Ruby Tritomia, Walworth Co. Hospital; 4. Larrietta Burke Raven Princess, John Schacht, Oconomowoc, Wis.; 5. Kyland Premier Bess, W. D. Kyle, Jr., Oconomowoc, Wis.; 6. Kelow Reburke Curly, Wm. H. Owens, Oconomowoc, Wis.

Senior Yearling Heifer (10)
1. Pabst Winnie Faith, Pabst Farms; 2. Future Hope Regal Dolly, Harold W. Draeger, Fort Atkinson, Wis.; 3. Elmer Posch Var, F. C. & W. C. Schroeder, West Bend, Wis.; 4. Kyland Premier Belle Valle, W. D. Kyle, Jr.; 5. Wal-Co-Farm Agnes Tritomia Ann, Walworth County Hospital; 6. Majeskie Crescent Beauty Echo, Joyce Majeskie, Waukesha, Wis.

Junior Yearling Heifer (1 2)
1. Crescent Beauty Lady Gloria 5th, Allen Hetts; 2. Majeskie Crescent Gomaress, Joyce Majeskie; 3. Wal-Co-Farm Blackie Tritomia, Walworth County Hospital; 4. Nockdair King Rainbow, Baird Bros., Waukesha, Wis.; 5. Dibble Crescent Empress Hope, Levi & Garald Baker; 6. Elmoyd Pabst Echo, Lloyd Kurtze, Hales Corners, Wis.

Senior Heifer Calf (14)
1. Crescent Beauty Commanda, Allen Hetts; 2. Mayers Gomar Nancy, Christ A. Mayer; 3. Mayers Gomar Jane, Christ A. Mayer; 4. Wal-Co-Farm Hanna Mooie, Walworth County Hospital; 5. Larrietta Wis. Leader Babe, John Schacht; 6. Dibble Crescent Empress Margie, Ben Dibble.

Junior Heifer Calf (13)
1. Mayers Gomar Sady Fobes, Richard Mayer, Slinger, Wis.; 2. Piper View Foreteller Lois, Piper Bros.; 3. Wal-Co-Farm Ollie Tritomia 3rd, Walworth County Hospital; 4. Mayers Gomar Revelation, Fred Mayer, Slinger, Wis.; 5. Mayers Gomar Ollie Beauty, Christ A. Mayer; 6. Arwyn Regal Donna, Morris Bros.

Senior and Grand Champion Bull
Piper View Strathmore Flood, Piper Bros.

Junior Champion Bull
Crescent Beauty Gomar Prince, Allen Hetts.

Senior and Grand Champion Cow
Meldomar Comet Doreen, Braun's Sunny Lea Farm.

Junior Champion Cow
Crescent Beauty Lady Gloria 5th, Allen Hetts.

Dairy Herd
1. Pabst Farms; 2. Allen Hetts; 3. Braun's Sunny Lea Farm; 4. Walworth County Hospital Farm; 5. Morris Bros.; 6. Waukesha County Hospital.

Breeder's Young Herd
1. Christ A. Mayer; 2. Walworth County Hospital Farm; 3. Morris Bros.

Get of Sire
1. Get of Pabst Comet, Braun's Sunny Lea Farm; 2. Get of Geens Burke Lad, Waukesha County Hospital; 3. Get of Arwyn Past Comet Prince, Morris Bros.

Junior Get of Sire
1. Junior Get of Hickory Creek Gomar, Joyce Majeskie and Allen Hetts; 2. Junior Get of Hickory Creek Sensation, Christ A. Mayer; 3. Junior Get of Ranette Dawn Emperor, Walworth County Hospital Farm; 4. Entry of Ben Dibble; 5. Entry of Morris Bros.

Produce of Dam
1. Produce of Mayer R. A. Lassie Nig, Christ Mayer; 2. Produce of Belmont Segis Lassie, Morris Bros.; 3. Produce of Elm-Oyd Burke Echo, Lloyd Kurtze; 4. Entry of Larrietta Farm, Oconomowoc, Wis.; 5. Entry of Brook Hill Farms, Genesee Depot, Wis.

Best Udder
1. Ste. Agatha Calamity Rockette, Pabst Farms; 2. Meldomar Comet Doreen, Braun's Sunny Lea Farm; 3. Pewaukee Burke Jean, Waukesha County Hospital; 4. Jule Vickery Juliana, Allen Hetts.

BUDD FARM LAUXMONT MASTER

BUDD FARM LAUXMONT MASTER
1125174

Dividing his time between Budd Farm and Greenwood Farm, J. O. Canby owner, Langhorne, Pa.

Sire:
LAUXMONT MASTER COLANTHA

Son of **Lauxmaster** from the great **Colantha Della Mooie Pietertje**, granddaughter of J R A P and Pietertje Ormsby Mercedes Della.

Dam: ERINDALE LADY LAUXMONT

3-1	365	3X	13,701	3.7	502.7	AR
4-4	365	3X	24,340	3.8	929.2	AR
5-11	365	3X	27,375	3.8	1048.4	AR
7-4	365	3X	24,712	3.9	958.2	HT
8-7	365	3X	28,076	3.8	1078.2	HT
9-9	365	3X	25,046	3.9	980.3	AR
*10-11	305	3X	14,117	3.8	535.7	AR

*Injured and operated on during this record.

Now making another wonderful performance in our herd.

A daughter is BUDD FARM HOPE with —

2-5	365	3X	20,736	3.3	687.3	AR

"Master" is now at Greenwood Farm — stop and see him when you attend the Convention. His calves at Budd Farm look like future bread winners for sure!

BUDD FARM

42510 Willow Run Expressway
Belleville, Michigan
Jack R. Budd

Clove Valley
Stock Farm

Classified - HIR Tested - Certified
Analyzed - Accredited
Vaccinated

Breed improvement programs carried out for our information — but they insure you full knowledge concerning the registered Holsteins carrying the Clove Valley prefix.

G. S. V. ANDREWS & SON
LaGRANGEVILLE, N. Y.

REGIER KING NETTIE (EX)
2y4m—363d—2X 14970 3.6 544.2
Another of our favorites, the jr. 4-yr. old pictured above was rated Excellent on March 22.

"Nettie" is a member of a great family from whose immediate members have now come 5 Ex. cows and 4 GM sires.

These are the Triunes which we are mating with our Crescent Beautys. "Nettie" is due to calve to service of her maternal brother by "Caravan," Southwind Crescent Polkadot, this summer. Her calf, if a bull, could take someone right to the top.

Southwind

Holstein Farm

"The Crescent Beauty - Triunes"
EDMUND CAMPBELL
SEGUIN, TEXAS

Ready to Move!

Born May 19, 1953, I'm a son of the Excellent-Silver Medal Production, plus-proven Weejoe Sanar 956539.

My dam is Lochiel Doris Reliance Autocrat 2625187, classified Very Good, daughter of the plus-proven Lauxmont Rag Apple Autocrat 741318. **She has produced for the last three 2X 305-day lactations an average of 18,556 lbs. m. 3.9% 726.0 lbs. f.**

Come and see me, my full sister, and several ancesters at Lochiel Dairy Farm. Also get my 3-generation pedigree. I am owned by . . .

LEON M. MUSSER

Lewisburg, Pa. — R. D. 2

Fox River Valley Holstein Breeders' Association

In the heart of Wisconsin Dairyland, for the finest in foundation purebreds at farmer's prices. We have a good listing of fall freshening first calf heifers. Write:

G. J. STANCHFIELD, Fieldman
136 Sixth St. Phone 7545
FOND DU LAC, WIS.

THE PAY-OFF IS MEMBERSHIP

The Losing Team in the membership drive of the Manitowoc County Holstein Breeders' Association bought the winning team a meal at Francis Creek Monday night (including the wives). The membership drive resulted in 173 new county members, a record for a county group, and made Manitowoc tops in state members. Manitowoc now has 188 state members followed by Barron County, 159; Dodge, 129, and Dane, 117. Shown above, seated are the winning team of Morgan O'Connell, Grimms; Harold Pritzl, Cato; Walter Smith and Bill Kortegast, Manitowoc; Albert Johannes, Two Rivers; Thomas Kane, Denmark; Christ Hagenow, Reedsville, and Ed Scholten, Manitowoc. Standing, serving the meal (including a rubber bone) are the losers. From left to right, they are: Art Karstaedt, Newton; Lester Schnell and Vernon Schultz, Manitowoc; Leroy Lutzke, Valders; Henry Binversie, Kiel; Emil Wehausen and Herbert Eberhardt, Manitowoc, and Art Sontag, Chilton, state secretary. Missing when the picture was taken was John Lindemann. Sontag was asked to serve when it was learned that he wanted 25 state members and the drive produced more than 60.

MANITOWOC HOLSTEIN BREEDERS OBTAIN 137 NEW MEMBERS

The Manitowoc County Holstein Breeders have added the astounding total of 137 new county members to their roster it was learned here Monday night.

At a special meeting the breeders on the membership committee reported the results of their short drive begun in January. To spark the drive two teams were chosen, with the winning team slated to receive a free dinner paid for by the losing team.

Morgan O'Connell's winning team chalked up 635 points by obtaining 12 new national association members, 61 new state members, 61 county members and six national junior members.

Art Karstaedt's losing team had 308 points gained by adding 3 new national members, 34 state members, 76 county members, 4 national junior members, and 3 county junior members.

Keen Competition

The total for both groups was 15 new national members, 95 state members, 137 county members, 10 national juniors, and 3 county junior members.

The competition was extremely keen during the drive. One group would obtain a new county member and the other team would rush to the same man and obtain a state membership. Identification of the teams is given under the picture. Report in the Sheboygan Press Feb. 1, 1955.

WATONWAN CO., MINN.

Thirty breeders attended the annual meeting of the Watonwan County Holstein Breeders Association, February 7, in the Chamber of Commerce room at St. James, Minnesota. State and national officals conferred with the newly elected local officers

after the meeting. Left to Right: Hugo Albrecht, New Ulm, president of the Minnesota Holstein Breeders Association; John Stewart, Sioux Falls, S. D., National fieldman for the Holstein-Friesan Association of America; Oscar Sletta, Madelia, Minnesota, secretary-treasurer of the Watonwan County Holstein Breeders Association; and Herman Heckman, St. James, Minnesota president of the Watonwan County Holstein Breeders Association.

Calorie, mineral and vitamin requirements are greater for fast-growing adolescent youngsters, than for other children, according to the National Dairy Council. One and one-half quarts of milk per day are recommended for the active adolescent boy.

MOLASSES

Molasses continues to be one of the cheapest sources of nutrients among the concentrate feeds. Molasses contains no fat or fiber and slightly less than three per cent crude protein, of which only a very small portion is digestible. However, molasses contains 54 per cent total digestible nutrients which is about three-fourths that of corn. This amount of total digestible nutrients is about equal to the nutrients in a ton of good hay.

Molasses is worth somewhat less than corn when added to a good concentrate mixture made up of palatable ingredients. Some experiments have indicated that molasses is worth about 89 per cent as much as corn when it was added at the rate of 10 per cent to a palatable concentrate mixture.

Molasses has a mild laxative and desirable conditioning effect. Also, molasses reduces dustiness in ground mixed feeds and gives the mixture a desirable texture and appearance. It is used widely in commercially mixed feeds because of these qualities and because it furnishes low cost nutrients. If molasses can be purchased at a price less than that paid for good hay, it is a good substitute for roughages.

It is possible to use up to 20 per cent of molasses in a concentrate mixture with satisfactory results. One of the most effective ways for a dairyman to use molasses is to sprinkle it on the hay or silage. In using molasses on the farm, a mixture of one-half molasses and one-half water is often easier to handle than straight molasses. From two to four pounds of molasses may be fed to each cow daily. A gallon of molasses weighs about 11.7 pounds; therefore, an average cow will handle about one quart each day. If diluted, about twice this amount would need to be fed.—S. T. Slack, Cornell.

BELLDINA'S DAM INCREASES RECORD

A release from the Holstein-Friesian Association of Canada announces an increase in the life record of Belldina Abbekerk Beauty 473427 (VG), owned by Brown Corporation, LaTuque, Quebec, who is now credited with a total for 11 lactations of 173,325 lbs. milk, 4.42%, 7,659 lbs. fat. Her 11th record was started while she was still twelve years old and she has now just turned 14 years in August. She is best known in the U.S. as the dam of famed Browns Mistress Belldina, a star of the old Franlo herd, whose many sensational show winnings include Reserve All-American as a 4-yr-old in 1949.

A GOOD PAIR TO DRAW FROM

BUY PRODUCTION and FOUNDATION CATTLE AT THESE TWO SALES

Tuesday — APRIL 12 — 11 A. M.

Barker's Spring Free State Sale

Agricultural Center **Gaithersburg, Maryland** on Rt. 240 — 20 miles W. of Washington, D. C. — 30 mi. E. of Frederick, Md.

7 Granddaughters Sell

DE KOL CHIEFTAIN DORA
4y 365d 21666 4.7 1025 3X

33 COWS and BRED HEIFERS
Cows mostly fresh or soon due — a few cows and most of the bred heifers due in early summer thru October.

27 OPEN HEIFERS
ready to breed now or by December. All well grown, in good condition and of correct breeding for foundation animals.

7 BEAUTIFUL HEIFER CALVES
all sired by a son of the Dora cow (pictured left). Suitable 4-H club calves.

4 HIGH RECORD BULLS
(one calf), 2 ready for service, all from cows with from 550 to 662 F. John Widup's sr. herd sire, a 4-yr. old show bull, sells with many of his daughters.

This is a complete heifer dispersal of John W. Widup, Ellicot City, Md., having sold his milking herd to a good young fellow who rented John's farm and takes over Apr. 1. Earl W. Keplar, Middletown, Md., sold his milking herd to his son, William, who operates the home farm and Earl sells an excellent group of bred and open heifers. All these cattle have records or are from very good DHIA record dams and all by popularly bred sires.

BULLS REPRESENTED IN THIS SALE

Olive Farms Dor Silver King — 7 daughters . . . Skokie Great Ovation, proved SM $12,000 sire in Md. Art. Insem. Co-op., — two yearling daughters . . . Dunloggin Woodmaster—5 Ex. granddaughters, all bred to "Silver King" . . . Rainbow Sunshine 2d — 9 daughters . . . Brooklodge R A Wonder Count — 6 daughters . . . Boxwood Woodmaster Phillip (proved) — 5 daughters . . . Lauxmont R. A. Netherlands (Old Montvic) — and several others.

All T B and Bang's Accredited — All vaccinated and injected for shipping fever — Sale under cover — **Lunch available.**

H. C. BARKER, Sale Mgr.
Phone Monument 3 - 6363
FREDERICK, MD.

AUCTIONEER
R. CHARLES BACKUS
MEXICO, N. Y.

— Clinton E. Stevens Dispersal —

Thursday April - 4 - Hurlock, Md.

At 11:30 A. M. at his farm 1 mile south of Hurlock, Md, on Rt. 313, 2 miles south of Easton, Md., 26 miles north of Salisbury, Md., 14 miles west of Seaford, Del.

This is an excellent small herd — farmer-breeder herd, has shipped milk to Philadelphia for 31 yrs.—started in Registered Holsteins 1948 with a few outstanding open heifers from high record cows — thus has established a "Top herd". Ave. in DHIA past 5 years never under 401 F. with 458.9 ave. for 1954 — 4%.

SKOKIE GREAT OVATION

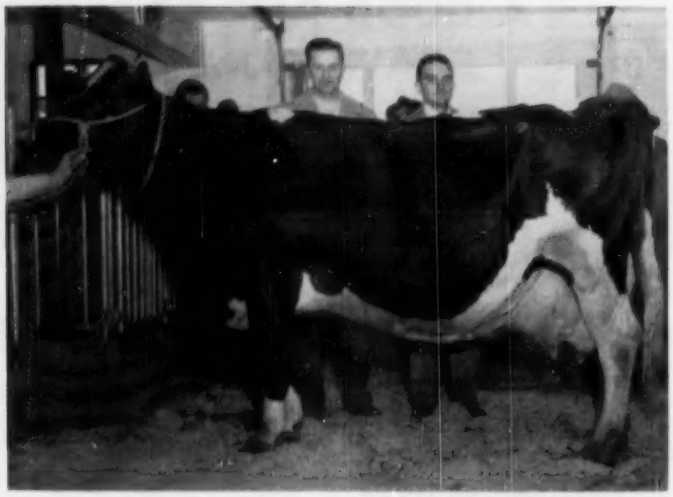
7 cows selling have from over 400 F. as heifers up to 692 F., 4%. Several daus. in sale of foundation cows with 545 F., 607 F., 692 F. and 770 F. — 2X.

7 outstanding heifers by Skokie Great Ovation (pictured left), proved SM $12,000 bull at Md. Art. stud, College Park.

Herd T. B. and Bang's Accredited all vaccinated, injected for shipping fever.

Sale under cover — lunch available — Come! See the herd before sale day.

H. C. BARKER, Sale Mgr.
Frederick, Md.
DAVID RACINE, Auctioneer
North East, Md.
CLINTON E. STEVENS, Owner
Ph. Hurlock 3511 - HURLOCK, MD.



FORTHLYNE INKA JEWEL SUNBEAM AND FRIENDS
Behind this new Excellent cow at Pineyhill from left to right are Joe Schaefer, owner of Pineyhill and Ray Briggs, the Classifier from Cobleskill, N. Y. (Picture taken by John W. Raab, Sussex Co. Agr. Agent).

CLASSIFICATION AT PINEYHILL

J. B. Schaefer's Pineyhill herd at Washington, New Jersey was classified Saturday, March 5th for the first time by Ray Briggs, Cobleskill, N. Y. When the day was over, there were 3 Excellent, 7 Very Good, 18 Good Plus, and 14 Good.

Joe Schaefer, a perfect host, had invited many of the New Jersey breeders to attend this classification and at one time over 25 interested spectators were present. Mrs. Schaefer served a buffet luncheon for the group at noon.

Two of the Pineyhill cows were Excellent previous to this classification. One was Sovereign Cochran Gail, the great daughter of Sovereign Cochran that broke the New Jersey State Record for 3-yr-olds on 2X. Still living up to her Excellent classification, she is starting out on another great record.

The other cow, previously classified Excellent, was a cow that Joe purchased in the 1954 Sale of Stars at Toronto. She is Sun Dream R. A. Marie, a daughter of Montview Rag Apple Ajax who is a son of Montvic Rag Apple Ajax. Her dam is a granddaughter of Montvic Pathfinder. Marie was Honorable Mention All-Canadian 4-yr-old in 1953.

The new Excellent cow was a member of the cow family that Joe purchased from Orson Smith, Canastota, N. Y. She was Forthlyne Inka Jewel Sunbeam, a daughter of Inka Supreme Jewel. She is just past 13 years of age and she has a 3X 11-yr-old record of 23,191 milk and 896 fat. Her 16 year old dam, also classified Excellent, was lost 3 weeks previous due to a hip injury. The new Excellent cow is the dam of 4 daughters in the herd and she has 2 maternal sisters in the herd.

Another daughter-dam combination that was impressive in the herd was a daughter of Lauxmont Admiral Lucifer and her daughter. Purchased in a farm sale in New Jersey, the Lucifer daughter, Allenbach Lucifer Martha, scored 88 points and her daughter, just fresh as a 3-yr-old, scored 87 points. The Lucifer cow had a previous 5-yr-old record of 16,248 milk and 610 fat.

A Montvic Rag Apple Trailblazer daughter bred by Anderson Fowler, Peapack, N. J. scored 85 points or Very Good with an Excellent on body and rear udder. She was Glenelg Trailblazer Dona.

Another cow from Orson Smith's herd and one of Mrs. Schaefer's favorities classified Very Good with an Excellent in dairy character and fore udder. She was Seeley Brook Prince Maggie, a linebred Montvic Chieftain 7th.

A member of the cow family purchased from Gordon C. Baird, Holcomb, N. Y. scored 87 points or Very Good with an Excellent on general appearance, dairy character, and rump. She was Hickory Fields Segis, a daughter of Fobes Posch Ormsby Segis.

Sharonhurst Lochinvar Bessie, a cow purchased in the Sharonhurst Dispersal last year, scored 86 points with an Excellent on body capacity. She is a daughter of Graymar Lochinvar General out of a 619-lb. daughter of Ravenglen Senator Fobes Hark.

The cows had just been moved into the new Pinehill barn but they seemed quite used to their new tie stalls. Manager Paul Dann had everything under control and the cows really looked good.—D.L.M.

TEXAS DIRECTORS MEET

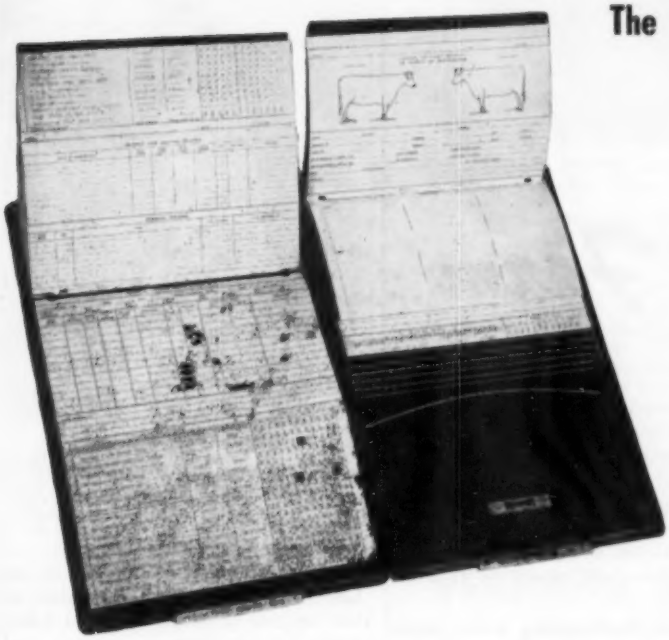
The Directors of the Texas Holstein-Friesian Association held a meeting after the judging at Fort Worth, Tex. on February 3 with about 20 directors and members present. Among the matters discussed was the proposed state sale to be held in connection with the Pan-American Exposition—Regional Show for 1955, the pending legislation including the 4% milk bill, youth activities, achievement award program, and other parts of the very aggressive program that has been set by the Texas Holstein-Friesian Association for 1955.

The National Dairy Council at its recent 40th Annual Meeting in Chicago re-elected Leslie C. Mapp, Dayton, Ohio as chairman of the executive committee and Nelson Hult, Chicago, was re-elected president. Other officers and directors elected represent milk producers organizations, distributors of dairy products and manufacturers of dairy equipment.

Citations honored leaders in research, education, human nutrition and agriculture. These included former President Herbert C. Hoover and Dr. E. V. McCollum, the "patron saint" of the industry, whose discovery of Vitamin A in 1913 began continuing nutrition research which has revealed the essential importance of milk in the diet. Secretary Benson, who was one of the speakers at the meeting, also received a citation.

The Pan-American Livestock Exposition now presented annually as an outstanding feature of the State Fair of Texas will be held this year from October 8-16 according to word received from Ray W. Wilson, Manager of the Exposition. Great effort has been made in recent years to develop interest in the countries in Latin America. These efforts have had a splendid response in the attendance of livestock men from those countries. These efforts are being continued in 1955 and plans are also shaping for more breed activities at the fair. The State Fair of Texas runs for 16 days and in 1954 had an attendance of 2,506,463, an all-time record for annual fairs of the United States.

Ask the man who's using one!



The WORLD *Visible* HERD FILE can solve YOUR record keeping problems, too!

Complete, accurate records on every animal in the herd are not only essential to sound herd management and merchandising, they are required of all Holstein breeders by the by-laws of the Holstein-Friesian Association of America. With the **WORLD Visible HERD FILE** you can keep ALL your herd records in one easy-to-file, easy-to-use book that will save you HOURS of time every month in handling facts for registrations, transfers, sale entries, artificial services, advertising copy, etc., etc., etc.

Here's What They Say About It:

Sirs:

We are hobby farmers who live and work a considerable distance from our herd. However, we keep complete control of the farms. This arrangement means pedigrees and all the other papers have to stay at the farm and we were forced to use various books to keep records of breeding, calving, milk and extended pedigrees.

Now one metal covered book travels from the farm and all our records are complete, up-to-date and available at our fingertips. Each time I go to the farm, normally at least once per week, the book goes too and is completed up-to-date.

The WORLD Visible HERD FILE is thus of great value to us. The records are complete and always available. The ease of removal of cards lets us dispose of records readily when animals are sold and add cards when animals are purchased. The ruggedness of the file and the fact that nothing is loose lets us take the file to the pasture even among calves.

We have told our friends how well we like the WORLD Visible HERD FILE and recommend it to all purebred cattlemen.

J. J. Denovan, P. Eng.
DENOVAN, Ltd.
Montreal 32, Quebec

TWO SIZES AVAILABLE:

NO. 56 — **$15.00**

For herds up to 56 head. 100 forms supplied, with protective celluloid tips for index edges, and colored signal tabs. Remittance should accompany your order. Price is postpaid in U.S.A.

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SOLD ON OUR MONEY-BACK GUARANTEE OF SATISFACTION — NO OTHER COMPARES WITH IT-

HOLSTEIN-FRIESIAN WORLD — Lacona, New York

Home of
The "Tidy Ovations"—

Lime Rock Farm

HUBERT S. MILLER
"Hubie" as he is known to his friends is a successful Pennsylvania Holstein breeder and his linebred herd of Dunloggins at Lime Rock Farm, Myerstown, Pa. is a herd worth visiting.

Sale after sale, Hubert S. Miller—or Hubie as he is known to his friends—has invited me to see his herd of linebred Dunloggins at Lime Rock Farm, Myerstown, Pa. So the other day when I found myself in Lebanon County, I headed for Hubie's home.

Lebanon County may be famous for its boloney but I think it is just as famous for its purebred Holsteins and for the most part those Holsteins are linebred Dunloggins. This is the heart of the Pennsylvania Dutch Country and if you speak the language it will help, but it isn't necessary.

I found Hubie and his son, Roy, just coming out from breakfast when I arrived that morning. Hubie immediately took me in and showed me their junior herd sire. This 4-year-old bull is Maple Haven Wonder Var (VG), a son of Dunloggin Wonder Var out of Maple Haven De Alice, a daughter of Dean of the Pearls that Hubie purchased in the Maple Haven Dispersal. De Alice is still in the herd and she is the start of quite a cow family. Classified Very Good, she had a 583-lb 2-yr-old record on 3X at Maple Haven and since coming to Lime Rock, she has 2X records up to 603 fat with a 3.9% test. On her maternal side this good cow goes back to Dunloggin Craftsman, the maternal brother to Dunloggin Elenora.

Maple Haven Wonder Var is being used on daughters of the senior herd sire who in my opinion is doing quite a job at Lime Rock. This fellow is Greenwood Tidy Ovation, a 7 year old son of Skokie Great Ovation out of Dunloggin Golden Tidy, a Very Good daughter of Dunloggin Golden Cross out of Dunloggin Tidy Miss, the Excellent Woodmaster daughter that did great things for Harold Shaw. I have seen Dunloggin Golden Tidy at Joe Canbys several times and I think she is a tremendous dairy cow. Tidy Ovation is classified Very Good and his daughters seem to be improving with the older ones more outstanding than the first calf heifers. Twelve of his daughters have been classified with 2 Very Good, 6 Good Plus, and 4 Good. These are mostly as 2 and 3 year olds.

Back in the milking barn Hubie showed me the Tidy Ovation daughter out of Maple Haven De Alice. Quite a nice heifer, she was Good Plus as a 2-yr-old and she finished a 429-lb. 2X 2-yr-old record in 305 days. Later in the heifer barn I saw another outstanding full sister to this heifer. This one is due in August. There is also a younger daughter sired by Curtiss Candy Invincible and there is a full brother to this heifer in a neighbor's herd.

One of the oldest Tidy daughters was just fresh a few days before my visit. Classified Very Good, she was Lime Rock Midnight Hazel, the most outstanding young cow on the farm. She had finished a 10 months 2-yr-old record of 10,411 milk and 408 fat. Her dam was Hazel Lime Rock Dunloggin, a daughter of Dunloggin De Var who was a Lochinvar son out of Dunloggin Mistress De Ormsby.

LIME ROCK MIDNIGHT HAZEL
(VG at 2 years)
One of the oldest daughters of Greenwood Tidy Ovation. She has just finished a 305 day 2-yr-old record of 408 fat on 2X. Roy Miller is at the halter.

Just several months ago one of the Lime Rock foundation cows died of old age at 18 years. She was Lime Rock Mickey Mouse and she had 202,200 lbs. of milk and 6,487 lbs. of fat in her lifetime. Mickey Mouse was a daughter of Della Ormsby Masterpiece. There are 2 milking daughters of this cow in the herd today. One is Lime Rock Mickey Kate, a Tidy Ovation daughter classified Very Good as a 2-yr-old. The other is Lime Rock Lochinvar Mickey, a daughter of Lime Rock Ormsby Lochinvar, a son of Dunloggin De Var.

Down in the heifer barn was a dry cow that looked like a real dairy cow. Imagine my surprise when I found out she was Dunloggin Golden Pride, the Golden Cross daughter out of Dunloggin Mistress Pride. Over 12 years old, Hubie purchased her as a 6 month old calf in the Dunloggin Dispersal. Her dam was a Woodmaster daughter out of Dunloggin La Pride. She sold for $1550 in the Dunloggin Sale to Frank Fernsler who in turn sold her to Otco Farm. In the Otco Dispersal she brought $3,000 on the bid of Sutten Oaks and in their sale she was brought back east by Barton Miller. Classified Very Good, she had records up to 851 lbs. fat.

Dunloggin Golden Pride, classified Very Good, never has made a spectacular record but she will have a good lifetime total. Her best record is 507 fat but she is proving her worth as a brood cow. There are two full sisters out of Golden Pride in the Lime Rock herd and they are sired by Tidy Ova-

tion making real linebred pedigrees. The oldest is Lime Rock Golden Tidy who now has 328 lbs. fat in the first 232 days as a sr-2-yr-old. The other is Lime Rock Pride, just fresh as a jr-2-yr-old.

Hubie has always been an enthusiastic and successful exhibitor at the Pennsylvania Farm Show. Back in 1952, he really had his year. His junior get sired by Tidy Ovation was first prize; a pair of his twin cows sired by Dunloggin Wonder Var were first and second aged cows; his Wonder Var get was first prize Get of Sire; and the twins were first prize Produce of Dam.

The twins are still in the herd and they are outstanding cows. They are Maple Haven Millie Var (VG) with a 6-yr-old record of 17,663 milk and 717 fat in 10 months and Maple Haven Pansy Var (Ex) with 490 fat in 10 months as a 4-yr-old. The other member of that prize winning get is also still in the herd. She is Maple Haven Love Var (VG) with 516 fat in 10 months as a 4-yr-old. Hubie explained that he purchased a truck load of Wonder Var daughters before Maple Haven sold out and it seems that he picked out a pretty good load.

This past year at the Farm Show, Hubie was strong competition, never taking any blues but ending up with four second place winnings and two thirds. A smooth black daughter of Tidy Ovation was second in the calf class and the Tidy Ovation Junior Get was also second. Hubie will be back next year and he has a good group of animals to select from.

So if you like your Dunloggins linebred and if you like a good herd of cows, you better plan a trip just a little east of Harrisburg to Lebanon County, the home of the Dunloggins of Pennsylvania and the home of Hubie Miller's Lime Rock Farm.

C. W. Rich, Garden Park, Newport, Me. reports that the daughter of his herd sire, Garden Park Homestead Maximum, please him very much. One daughter was first prize yearling at Skowhegan State Fair last year and was first prize and junior champion female in both 1953 and 1954 at Bangor Fair.

Garden Park Homestead Maximum has two maternal sisters with 831 and 632 lbs. fat 2X and is a grandson of Carnation Madcap Maximum, the full brother of the famous 1511 Daisy Madcap. Lathrop Star Homestead breeding also contributes strongly to his pedigree.

GYPSIE BURKE LAD 1128234
Classified VG at 3 yrs.

See His Pedigree on Page 108
HERD SIRE ISSUE

This is the bull that we chose to mate with the daughters of Pabst Beacon, Silver Medal Production Sire, with a plus of 111 lbs. fat over 410-lb. dams.

***** OUR SPRING SPECIAL *****

A nice son of Gypsie Burke Lad born 8-11-54, large, nice type and marked half white.

His dam is Maytag Gloria Olivetta 3215746, a daughter of Clarkdale Gloria Transmitter (see p. 3—Feb. 19—Hilltop ad.). Dam of this calf on HT—2X 321 ds. 3 yrs. made 475 F. 3.7% 12,816 M.

OUR JUNIOR SIRE

His Sire:—

PABST SIR REMER FOBES
(Gold Medal)

22 Dtrs.	Avg.	14209	3.63	516
20 Dtrs.	Avg.	14170	3.63	514
20 Dams	Avg.	13951	3.59	500
		+219	+.04	+14

A Regal son from a Roamer dam.

His Dam:—

HELENE ANN GYPSIE 2nd
(Very Good)

365d—2½y—3X 17893 3.8 679.2

Three-fourths sister to the Minnesota State Champion junior 4-yr-old, Elaine Gypsie 2d, with 959.7 lbs. fat, 3X.

She is a daughter of Governor Gypsie Fobes (GM) from an Excellent 785-lb. daughter of the Excellent 770-lb. brood cow, Helene Aaggie.

Write for information and price.

VERPANA FARM — R1 Sharon, Wis.
Dr. & Mrs. J. M. A. Pape, Owners
Address correspondence to us at 10751 S. Parnell Ave., Chicago 28, Ill.

DRIED BEET PULP

ONE OF THE GREATEST FEEDS FOR ALL LIVESTOCK

1. Dried Beet Pulp is flexible—fits right into any ration you want to feed.
2. Dried Beet Pulp is bulky—swells to many, many times its original volume to allow the gastric juices to circulate freely.
3. Dried Beet Pulp opens up readily to aid in the digestion of other feeds.
4. Dried Beet Pulp is highly palatable—animals relish its succulent flavor.
5. Dried Beet Pulp is rich in M-S-F . . . the mysterious Milk Stimulating Factor.

There's nothing like it. No wonder Dried Beet Pulp is the standard of all dairy and beef feeds.

NOBODY TRIES TO MAKE A RECORD WITHOUT DRIED BEET PULP!

YEAR 'ROUND PASTURE

MOWAT, WILSON & CO.
Detroit 35, Michigan

Carnation Inspiration

9 Classified Dtrs. In Our Herd

7 VERY GOOD — 2 GOOD PLUS

(None yet classified at maturity)

Here Are Their 2X Farmer-Style Records:

PET	VG	4y	305d	13708	4.2	679	
ABBIE	VG	4y	306d	14964	4.0	618	(inc.)
LADY	VG	4y	305d	15889	3.4	539	
WALLY	VG	5y	280d	13227	3.9	514	(inc.)
CANARY	VG	5y	337d	13286	3.9	512	(inc.)
TOOTS	VG	4y	305d	10557	3.8	460	
BUTCH	GP	5y	365d	11462	3.7	427	
INKA	VG	3y	305d	7550	4.3	322	
JANE	GP	5y	279d	7659	3.8	289	(inc.)

These "Inspiration" daughters are BIG and built for the long pull. Few sires have ever left such uniform good type. We can offer you "Inspiration" sons — or sons of "Style Boy" out of "Inspiration" daughters. "Style Boy" is by Revelation from an 1108-lb. daughter of Governor.

TIMM HOLSTEIN FARM

WALTER G. TIMM & SON —:— MONROE, WISCONSIN

DAM of WIS CLIMAX

WIS TULIP

4y 1m 365d
20,562 3.8% 774.7F
2y5
18,095 3.7% 676.6F.
6y 4m 365
19,745 3.8% 757.5F.
Daughter of Weber Burke Cyclone.

Wis Climax is a son of Wis Ideal—he has nearly 100% the same breeding as the new Gold Medal, $15,000 sire, Wis Burke Ideal. He has several 2-year-old daughters over 500 f on 2X.

Wis Climax is one of our main herd sires along with Wis Supreme and our homebred son of Wis Leader, Plainview Fobes Design.

We have sons of these sires from daughters of Wis Leader and Wis Climax with high 2X records and rich in the blood of Gold Medal Sires.

Plain View Farm

(Where Good Udders Mean A Lot)
ARTHUR IMIG, Est.
NEILLSVILLE, WISCONSIN

People

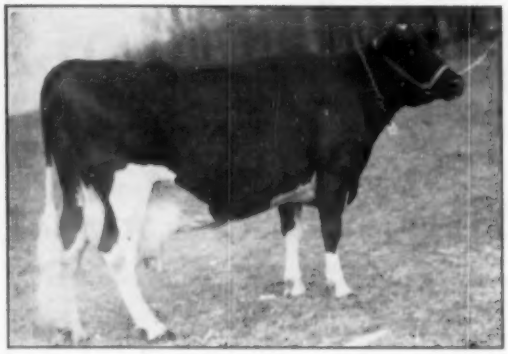
Harvey S. Farrington, Lowville N. Y., has recently returned to his home from the hospital in Watertown following an operation for removal of cataract from one eye. He reports that the operation appears to have been completely successful, as was the case with the previous similar operation on the other eye. We are pleased to have this good report.

Prof. Charles R. Gearhart, nationally known extension dairy specialist who retires April 30 from the Pennsylvania State University with 32 years of service, was honored at a testimonial luncheon March 26. The luncheon was under auspices of the Pennsylvania Dairy Herd Improvement Association and the Pennsylvania Association of Cow Testers, in tribute to Prof. Gearhart's years of work in directing that organization to its present high standard of development in Pennsylvania.

Gearhart has accepted an assignment with the Foreign Operations Administration which will take him to Turkey for a stay of at least two years. He will be working with the Turkish dairy industry to improve production and management. Gearhart is a graduate of the University of Missouri (1920). After three years as extension dairy specialist at Kansas State College, he transferred to Penn State where since 1923 he has headed up DHIA work in Pennsylvania. Prof. Gearhart was one of the consultants of the special Testing Committee of the Holstein-Friesian Association of America which is reporting at the next Convention.

CHARLES R. GEARHART
From Penn State to Turkey.

He Bought a Junior Sire — He'll Sell the Senior Sire



PIETJE STAR CONSTANT 2708275 (GP)

7y	365d	3X	25,032	4.2	1045

Dam of Mr. Douglas' senior herd sire, Glenoden Marksman Storm King.

-- Purchased --
GLENODEN ABBIE MODEST

Mr. Lloyd B. Douglas, Honesdale, Pa., has purchased this youngster to follow in the footsteps of his present senior sire who is also Glenoden bred.

Abbie Modest is by Sequoia Abbe Jo of Glenoden, (he by the son of Dusty Jo and from the Excellent double granddaughter of Montvic Bonheur Abbekerk) and from . . .

Glenoden M C Dimes (GP)

4y	365d	3X	26,699	3.5	938
3y	365d	3X	22,765	3.7	833

Her full sister, Glenoden M C Chimes (VG), has 1003 fat from 24,737 milk.

Mr. Douglas' senior sire is **GLENODEN MARKSMAN STORM KING,** born Oct. 17, 1948. He is by Sovereign Rag Apple Marksman and from the 1045-lb. cow pictured. His first 10 daughters milking have a monthly average for November, December and January of 1525 lbs. milk, 4.05%, 62 lbs. fat—higher than the older cows in the herd. THIS BULL IS FOR SALE—he's a grand individual and has brought the herd average up to 4% at the milk station.

R. F. OGDEN Owner — W. W. LYNN Mgr.

Glenoden Farms

Montgomeryville, (Near Cornwall on Hudson) New York

MERRILL N. WARNICK
Reelected for a second 2-year term as President of the American Dairy Association.

WARNICK AGAIN HEADS ADA

Merrill N. Warnick, Pleasant Grove, Utah, was reelected president of the American Dairy Association at their annual meeting in Chicago, March 22-23. He had completed a two year term in this position following his retirement from the Board of Directors of the Holstein-Friesian Association of America. His reelection was a well deserved tribute to his fine service in that position. Mr. Warnick was also honored recently for 25 years service as a 4-H club leader.

Urban J. Charles, President of the Purebred Dairy Cattle Association and Bert Henman, manager of Broad Rock herd, St. Joseph's Abbey, Spencer, Massachusetts look on as George Barrett, Holstein-Friesian Association, Brattleboro, Vermont points out the long list of nine 100,000 lb. living lifetime producers in the Broad Rock herd. Picture taken at recent Dairy Farmers Seminar.

Holstein Breeder Dr. Stefan Ansbacher, Jocinah Farms, Marion, Ind., was pictured in the spring issue of Farm Quarterly. He is shown coming out of their swimming pool at the farm when the thermometer was eight degrees. The item stated that he plunges into the swimming pool every day of the year, like the Finns. Hod Norton, please note. Hod has had a lifetime habit of taking an ice-cold shower or tub every morning. There must be easier ways to be invigorated!

John Carpenter, of Strohmeyer & Carpenter, Inc., White Plains, N. Y., is reported recovering nicely from a recent major operation.

Douglas Hart, Woodstock, Ont., climaxed a lengthy trip through southern United States with an appendectomy and writes "they have just let me out."

C. E. Tompkins, Syracuse, N. Y. reports that he recently sold 11 2-year-old heifers to John E. Rinehart, Syracuse, N. Y. and a very nice 2-year-old heifer to Mr. and Mrs. H. A. Wall, Hastings, N. Y., also three service age bulls to William Maloff, Syracuse, N. Y.

Most of the heifers were sired by Carnation Segis Madcap, and the dams of the heifers were mostly sired by VolBloed Pietertje Herdmaster, a grandson of Dunloggin Woodmaster. The VolBloed Farms are located at Brewerton, N. Y.

Wolverine Holstein Heifer Sale

Saturday - April 23 - Williamston, Mich.

At the Wolverine Purebred Livestock Sales Pavilion on U. S. 16, 2½ miles west of Williamston, Michigan.

★ 80 REGISTERED HOLSTEIN HEIFERS ★

These are choice heifers—top show prospects included in all age classes, sired by some of the best bulls of the breed from high record dams.

20 Head of Fresh and Springing Young Cows & Heifers

20 Heifers Bred for July, August or September

30 Show Heifers — Jr. & Sr. Calves, Jr. & Sr. Yearlings

3 Outstanding Young Bulls

His Daughter and Her Calf Sell - - -

MINNOW CREEK EDEN REGRAND
Famous son of Twenty Grand and Minnow Creek Eden Delight.

— A daughter of PABST BURKE DANDY with 12,800 milk 561 fat in 337 days as a 4-yr-old, starting on AR for another good record.

— A show daughter of SPRING FARM FOND HOPE, due July 1st — what a heifer!

— A daughter of A B C INKA SOVEREIGN due about May 1st.

— A daughter of MINNOW CREEK EDEN DE GRAND and her heifer calf by a son of Elmcroft Voyageur M.

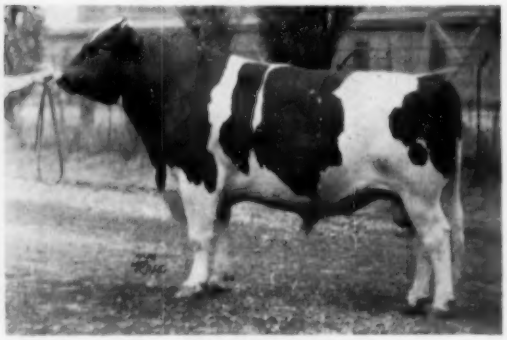
— Daughter of PABST ROAMER MONT.

— GIRTON FARMS, Penna., are sending a choice consignment, tops in type and production. Daughters of Glenafton Montvic Marksman (full brother to ALERT); and Glenafton Marksman Renown, a son of Marksman from a granddaughter of "Pietje B."

— A good place to buy your heifers for show or grass and let them grow into money for you.

— 3 Granddaughters of PABST ROAMER, the sire's dam "Excellent" with outstanding lifetime production. They are from high record dams and wonderful prospects for Jr. Yrlg. class this fall.

A Show Daughter Selling - - -



SPRING FARM FOND HOPE (XXX-Extra)
One of the great bulls of Canada — 3 times All-Canadian and with his famous sister, Juliette (*Ex), a member of the 4 times All-Canadian and once All-American Produce.

If You Want Show Heifers or Club Heifers — Attend this Sale

C. B. SMITH

Sale Mgr. & Auctioneer **Williamston, Michigan**

CALENDAR OF SALES

Apr. 2 Gallipolis Ferry, W. Va., Lester Jordan Dispersal.

April 2 Flint, Mich., John Calvert Dispersal, Managed by Glenn Casey, Williamston, Mich.

April 4 LeCenter, Minn., Ralph O-Connell Dispersal, Managed by Baird & Darcey, Waukesha & Watertown, Wis.

April 4 Jasper, Mich. Mo-Green Disp., C. B. Smith, Sale Mgr., Williamston, Mich.

Apr. 5 Fowlerville, Mich., Richard Garvit Disp., Glenn Casey, Mgr., Williamston, Mich.

Apr. 6 Earlville, N. Y. 310th Earlville Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Apr. 7 Edna, Kansas, Raymond Bollman Dispersal, Managed by E. A. Dawdy, Salina, Kansas.

Apr. 9 Lawn, Pa., Robert S. Weidler Dispersal, Managed by Keystone Holstein Sales, Inc., Mount Joy, Penna.

Apr. 9 St. Johns, Mich., J. G. Matthews Holstein Dispersal, C. B. Smith, Williamston, Mich., Sale Mgr.

Apr. 11 Williamston, Mich. Wolverine Classic, Managed by C. B. Smith.

Apr. 12 Gaithersburg, Md., (Agricultural Center) Barker's Spring Holstein Sale, Managed by H. C. Barker, Frederick, Md.

April 13 Lebanon, Pa., Abandale Dispersal, Alfred Brandt, owner, Managed by Sanger Sales Service, Lebanon, Pa.

April 14 Statesville, N. C., North Carolina Spring Sale, Managed by North Carolina Holstein-Friesian Ass'n., R. Glen Hardin, Sec'y, Olin, N. C.

Apr. 14 Hurlock, Md., Clinton Stevens Holstein Dispersal, Managed by H. C. Barker, Frederick, Md.

Apr. 15 Goshen, N. Y., Alex Van Houten Sale, Managed by Anthony J. DiBenio, Maybrook, N. Y.

Apr. 15 Sanilac County (Mich.) Holstein Breeders Sale, Milton J. Osborn, Sec'y, Applegate, Mich.

Apr. 16 Ancramdale, N. Y., Niver Homestead Farm Dispersal, Managed by R. Austin Backus Inc., Mexico, N. Y.

Apr. 16 Montague, Mich. Dr. John Haneveld Dispersal (farm also selling), Managed by C. B. Smith, Williamston, Mich.

Apr. 18 Washington, N. J., John R. Franke, Jr Dispersal. Managed by R. Austin Backus Inc., Mexico, N. Y.

Apr. 18 Williamston, Mich., (Wolverine Pavilion) Rayulmn Farm Dispersal, Managed by C. B. Smith, Williamston, Mich.

Apr. 20 Harrington, Del., (Fairgrounds) 6th Harrington Heifer Classic, Managed by H. C. Barker, Frederick, Md.

Apr. 20 Harrington, Del., Sixth Harrington Heifer Classic, managed by Howard C. Barker, Frederick, Md.

Apr. 21 Orange, Va., Annual Spring Bred Heifer Sale Virginia Holstein-Friesian Ass'n.

Apr. 21 Lancaster, Pa., 147th Garden Spot Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Apr. 22 Doylstown, Pa. Southeastern Penn. Breeders Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Apr. 23 Williamston, Mich., Wolverine Holstein Heifer Sale, C. B. Smith, Williamston, Mich., Sale Mgr.

Apr. 25 Spokane, Wash., Washington State Holstein Bred Heifer Sale, sponsored by Washington State Holstein Ass'n.,; managed by R. E. Everly, 616 New World Life Bldg., Seattle 4, Wash.

Apr. 26 Tunkhannock, Pa. 9th NEPA Breeders Sale Managed by R. Austin Backus Inc., Mexico, N. Y.

Apr. 27 Hartland, Vt., Twin State Sale, Managed by the Vermont-New Hampshire Holstein-Friesian Ass'n.

Apr. 28 Russellville, Ark., Arkanas All-Breed Calf Sale.

Apr. 28 Bedford, Pa., Central Pennsylvania Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Apr. 29 Springfield, Mass., Bred Heifer Classic, Wm. W. Pearl, Sale Chairman, R-1, Hampton, Conn.

Apr. 30 Spokane, Wash., (Fairgrounds) Hazelwood Homecoming Classic, Managed by R. E. Everly, 616 New World Life Bldg., Seattle 4, Wash.

Apr. 30 Warren, Ohio, Earl Brainard Dispersal, Managed by C. B. Smith, Williamston, Mich.

Apr. 30 St. Charles, Ill. Fox River Valley Livestock Center, Illinois State Spring Sale.

Apr. 30 Lincoln, Nebr., (Fairgrounds) Purebred Dairy Calf Sale (4-H).

May 2 Cazenovia, N. Y., Little Brook Farms Annual Heifer Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

May 4-5 Earlville, N. Y., 311th Earlville Sale. Managed by R. Austin Backus Inc., Mexico, N. Y.

May 6 Filer, Idaho, Idaho State Holstein Sale, managed by R. E. Everly, 616 New World Life Bldg., Seattle 4, Wash.

May 7 Plymouth, Wis., Sheboygan County Annual Spring Consignment Sale, Al Buchholz, Sec'y, Plymouth, Wis.

May 7 Elkhorn, Wis., Elkhorn Spring Sale, Sponsored by Walworth County Holstein Breeders' Ass'n, Roy Phipps, Mgr.

May 7 Murray, Utah, (Fairgrounds) Utah State Foundation Heifer Sale. Managed by Willis Whitbeck, 5770 S. Redwood Rd., Murray, Utah.

May 10 Watertown, Wis., The Wisconsin Breeders Sale, Managed by Baird & Darcey, Watertown, Wis.

May 11 Tonganoxie, Kansas, East Central Kansas Holstein Breeders Sale, Grover G. Meyer, Basehor, Kansas, Ch. Sale Comm.

May 12, Frederick, Md. 29th Annual Consignment Sale, Frederick County Holstein Assn., managed by J. Homer Remsberg, Middletown, Md.

May 14 Williamston, Mich., 106th Wolverine Sale, Managed by C. B. Smith.

May 16 Oakville, Ont., Canadian National Holstein Sale, Managed by

May 16-17 Auburn, N. Y. The Walt Farms Dispersal. Managed by R. Austin Backus, Inc., Mexico, N. Y.

May 17 Oakville, Ont., Regasborne Dispersal, owned by Osborne Sager; Managed by Hays Farms Limited, Oakville, Ont.

May 19 Lancaster, Pa., 148th Garden Spot Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

May 23 Owatonna, Minn., Annual Minnesota State Sale, Robert Freeman, Sec'y, 932 Goodrich, St. Paul 5, Minn.

May 23-24 Waunatosa, Wis., Milwaukee County Institutions Dispersal, Managed by Baird & Darcey, Watertown, Wis.

May 23-24 Portland, Ore., (Pacific International Bldg.) Far Hills Dispersal. Managed by R. E. Everly, 616 New World Life Bldg., Seattle 4, Wash.

May 25 Juneau, Wis., The Arthur Volkman Dispersal. Managed by Baird & Darcey, Watertown, Wis.

May 30 Woodstock, Ont. (McKenzie Sale Arena) Ontario Holstein Spring Special, Managed by H. S. Tufgar, Ancaster, and Alex MacKenzie, Woodstock, Ont.

June 2 Harrisburg, Pa., National Convention Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

June 3-4 Jamesburg, N. J., Forsgate Farms Inc. Dispersal, Managed by Hays Farms Limited, Oakville, Ont.

June 8-9 Earlville, N. Y., 312th Earlville and Super-Duper Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

June 11 Williamston, Mich., 107th Wolverine Sale, Managed by C. B. Smith.

June 13 St. Hyacinthe, Que., Brown Corporation Dispersal, Managed by Hays Farms Limited, Oakville, Ont.

July 11 Sanford, Maine, Shaw's Dauntless-Dunloggin Sale, Managed by W. A. Baker, Exeter, N. H.

Aug. 22 Brantford, Ont., Oak Park Farms Dispersal, Managed by Hays Farms Limited, Oakville, Ont.

Aug. 24 Trenton, N. J., (Fairgrounds) New Jersey State Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

Sept. 10 Madison, Wis. (Dane County Fairgrounds) Southern Wisconsin Holstein Breeders Bred Heifer Sale.

Sept. 17 Huron, S. D., Oviatt Farms Dispersal, Managed by C. B. Smith, Williamston, Mich.

Sept. 28 Sioux Falls, S. D., 10th Annual South Dakota State Sale, R. A. Cave, Sec'y, Brookings, S. D.

Oct. 1 Tulare, Calif., California Holstein Classic.

Oct. 3 Mount Vernon, Wash., 15th Annual Evergreen Dairy Classic, sponsored by Washington State Holstein Ass'n.,; managed by R. E. Everly, 616 New World Life Bldg., Seattle 4, Wash.

Oct. 5 Stoughton, Wis., Fairgrounds, Dane County 4-H-FFA & Holstein Breeders Blue Ribbon Heifer & Bull Sale.

Oct. 8 Rochester, Minn., Olmstead County Holstein Breeders 10th Annual Sale, Gordon E. Johnson, Sec'y, Rochester, Minn.

Oct. 17 Trafalgar, Ont., (Hays Sales Arena) All-Canadian Holstein Sale, Managed by Hays Farms Ltd., Oakville, Ont.

Oct. 18 Trafalgar, Ont., (Hays Sales Arena) 5th Annual Maple Unit Sale, Managed by Hays Farms Ltd., Oakville, Ont.

Oct. 19 Herington, Kansas, Kansas State Sale, Leo H. Hostetler, Harper, Kansas, Chairman Sale Committee.

Oct. Chicago, Ill., International Holstein Sale, Managed by Baird & Darcey, Waukesha and Watertown, Wis., and R. E. Everly, Co-Manager.

Nov. 5 Chilton, Wis., 13th Annual Calumet "400" Foundation Sale, Managed by Leonard Seybold, Forest Junction, Wis.

Nov. 7 Waukesha, Wis., U. S. National Blue Ribbon Sale, Managed by W. L. Baird, Waukesha and Francis Darcey, Watertown, Wis.

Nov. 8 Watertown, Wis., U. S. National Blue Ribbon Sale, Managed by W. L. Baird, Waukesha and Francis Darcey, Watertown, Wis.

Nov. 17 Toronto, Ont., (Royal Winter Fair) Third Holstein Sale of Stars, Managed by Hays Farms Ltd., Oakville, Ont.

Nov. 22 Trafalgar, Ont., (Hays Sales Arena) 4th Annual Rosafe Sale, Managed by Hays Farms Ltd., Oakville, Ont.

COMING EVENTS

March 26 Stillwater, Minn., Annual Meeting Minnesota Holstein - Friesian Ass'n.

Apr. 2 Rochester, Minn., 9th Annual S. E. Minnesota B & W Show (Mayo Civic Auditorium).

Apr. 2-6 San Francisco, Calif. Grand National Junior Livestock Exposition.

Apr. 7 Orono, Maine, Annual Meeting Maine Holstein Breeders Ass'n during Farm & Home Week.

May 7 Boystown, Nebr., State B & W Show (Nebraska District shows on 4 days preceding).

May 19 Northwest Arkansas Holstein Field Day, H. T. Brady Farm.

May 20 Central Arkansas Holstein Field Day, State Farm, North Little Rock.

May 20-21 Richmond, Utah, Black & White Dairy Cattle Show.

May 28 Tyler, Minn., Southwest Minnesota Ass'n Black & White Show, Clement C. Chase, Sec'y.

May 30-June 2 Philadelphia, Pa., 70th Annual Meeting The Holstein-Friesian Association of America, Hotel Benjamin Franklin.

June 21-23 East Lansing, Mich., 50th Annual Meeting, American Dairy Science Association, at Michigan State College.

July 14 Evansville, Wis. Tri-County B & W Show, (Dane-Rock Green) Harvey Swartz, Judge.

Aug. 15-16-17 Pennsylvania State Assn. tour to Brattleboro, Vt.

Sept. 23 Harrisburg (Farm Show Arena), Pennsylvania State B & W Show, George Rutt, chairman.

Nov. 17-18 Greensburg, Pa. (Mountain View Hotel), Pennsylvania Assn. Annual Meeting.

Accelerated Brucellosis Eradication Program

The National Program against bovine Brucellosis is being accelerated to reduce the level of infection throughout the country and approach complete eradication as rapidly as possible. The expanded drive is being made now because incidence of the disease, as shown among the cattle tested during the past year, has been reduced to the point where a concerted effort can wipe it out. Furthermore, growing support for the program has demonstrated that full cooperation in an accelerated campaign can be expected from the livestock owner, other segments of the livestock industry, and related groups.

Brucellosis is the most serious, widespread—and expensive—disease of livestock in the United States. Its chief symptom is abortion, but it has many other debilitating effects. The U. S. Department of Agriculture estimates that, based on 1953 cost and production figures, it is causing annual losses to the cattle industry of $58 million a year. The disease reduces milk output of infected animals by about 20 percent, costing milk producers $35 million a year. Replacement of infected cows cost another $16 million. The disease reduces the calf crop of infected cows by 15 percent, costing an additional $7 million.

The Current program is an expansion of the Federal- State program which has been in operation since 1934. It is based on finding diseased animals by testing herds, and getting rid of reactors as quickly as possible, plus the use of proper sanitation and herd management. Vaccination of calves is used wherever necessary to build up immunity. In July 1954, Congress authorized the use of additional funds to accelerate the drive. These funds will be used in part to restore maximum indemnities to $25 for grade animals and $50 for purebreds slaughtered in the eradication program. States with cooperative agreements are no longer required to match Federal payments to owners. But Federal payments will not be made in States where authorities request that no such payments be included in the program. To receive indemnity payments, the owner must be carrying out one of the approved eradication plans.

Four plans are used in the program, according to the varying conditions under which brucellosis is found. Plan A calls for testing the herd, immediate slaughter of reactors, cleaning and disinfecting of premises, retesting at 30-day intervals, and possible vaccination of calves. Plan B requires herd testing, calf vaccination, marking reactors, and keeping reactors under quarantine until they can be marketed without heavy losses. In Plan C, suitable for range herds, calves are vaccinated but the herd is not tested. Plan D, used only as an emergency measure, provides for vaccination of nonreacting adult cattle.

Testing is the first step toward eradicating brucellosis. Usually symptoms of the disease are not visibly apparent to the owner or the veterianrian. Two methods of testing are used to locate infection: (1) The ring test is made on composite milk samples of from 5 to 12 animals; and (2) the blood test is made on blood samples from individual animals. The ring test is used to screen whole herds and areas quickly and economically. If evidence of infection is found, then individual reactors are tracked down by the blood test.

Veterinary Practitioners have always cooperated in the eradication program and helped to speed its progress. In the past, they could work only on a per diem basis, thus making it impossible to give attention to their private practice on the days they worked with the program. Regulations have been changed to provide fees for testing, vaccinating, and marking animals on a per-herd and per-head basis. Therefore, even greater cooperation can be expected from the practicing veterinarian without weakening the veterinary service of the community. There will be no material additions to Federal personnel.

The job can be done. Great strides have already been made. Three States have become modified certified brucellosis-free by reducing infection to less than 1 percent of animals tested—North Carolina in 1942, New Hampshire in 1949, Maine in 1950. Several other States have nearly reached this goal. Nationally, the first limited testing of cattle in 1934 showed about 1 in 10 infected. Steady work over the years reduced the incidence to less than 1 in 20 just after World War II, less than 1 in 30 in 1953, to 1 in 38 as of now. A slight increase in the percentage of reactors found is expected during early months of the accelerated drive. This increase would be the result of two factors: (1) Testing more herds never before included in the program and therefore never having benefited from a systematic method of finding and removing diseased animals; and (2) increased use of the ring test, meaning that a higher percentage of individual blood tests will be made on herds already screened and known to be infected.

Goals are being set in several States for major steps in the brucellosis eradication campaign. Alabama plans during 1955 to encourage adoption of the U.S. Milk Ordinance and Code by most county and city health units. California, beginning in 1956, will require blood-testing and or vaccination. Colorado has announced that all dairy herds must be operating under Plan A not later than January 1, 1956. Delaware will require all milk suppliers (except one condensary) to operate under Plan A. Illinois will require all Grade A dairy herds to operate under an official plan beginning in 1955, all breeding herds not later than July 1957. Maryland will require all herds to operate under Plan A during 1955. New Jersey has amended its public health laws to specify that only milk from brucellosis-free herds may be sold after April 1, 1958. Ohio has declared that all counties must participate in area plans not later than 1957. South Carolina law specifies that, starting in 1955, only milk from brucellosis-free herds may be sold.

This is a cooperative program. The active eradication program is administered by State and Federal veterinarians under written agreements between the U.S. Department of Agriculture and State Departments of Agriculture. These agreements have been made with 46 States and 2 Territories. The Cooperative Extension Service assists in helping to organize the program on State and county levels and to provide necessary information to livestock owners. The National Brucellosis Committee—made up of representative groups interested in livestock and human health—is playing a major part in creating widespread interest and support for the program. The National Committee also encourages the establishment of State and county brucellosis committees. These committees are now operating in at least 33 States, and others are in the process of becoming established.—USDA Agricultural Research Service

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CLYDE HILL CORRECTION

Joe Gemmeke, faithful manager of Clyde Hill Farms, Clyde, Missouri was rightfully disturbed over the caption on his C H Queen Fanny Tidy in the Clyde Hill ad, p. 10, February 19 issue. While we had announced previously that this remarkable cow had completed her 200,000-lb. milk record for life and a 13 year old record of 973 of fat to complete three generations over 200,000 of milk, an old caption crept into the copy under her picture stating that she would soon be over 200,000 milk and that her last record was only 966 F. Our apologies to Joe and the Clyde Hill organization; we would not intentionally detract from the fine record of the three generations headed by old "Zuba."

FOUR GOLD SEAL DAUGHTERS

Bijou Dad Tensen, an Extra Sire, formerly in service in the herd of Wm. Bousquet, La Presentation, Quebec, is announced as the only sire in Canada to have four Gold Seal daughters, a Gold Seal record being one over 175,000 lbs. milk. His latest daughter to qualify is Gloutonne des Pres Tensen, with 183,547 lbs. milk in 11 lactations and promising to go over the 200,000-lb. mark in her current (12th) lactation. Another daughter, Finnette Reina Tensen is already over the 200,000 mark with 202,066 lbs. in 11 lactations and a third, Elegante Bijou Tensen, will crowd 200,000 lbs. in her 11th lactation, being credited with 181,291 lbs. in 10 lactations. The fourth Gold Seal daughter, Lisotte de la Presentation, is officially over 194,000 lbs. but actually over 200,000 lbs. as her six-year-old record was cancelled due to an error by her former owner.

The National Dairy Council was started 40 years ago to promote health and welfare through adequate use of milk and its products as recommended by scientific research. The non-profit organization plans and sponsors nutrition research and disseminates facts on food values of dairy foods.

WANTED

AT ONCE

Farm manager to replace present man going in Army. Should be "Holstein minded," competent to handle entire operation.

Details:

90 REGISTERED HOLSTEINS
45 Milking Age
350 ACRE FARM
Convenient Buildings

The right man will find this a good place to work and live. Please give qualifications in first letter. Write—

ED DON GEORGE
300 Main St. Buffalo, N. Y.

A Sovereign Grandson

Born Sept. 26, 1954

His paternal sisters are producing well and testing very high. His dam is a show heifer (from our best show family) that, with her first calf made 2X 305d 11,106 lbs. 3.8% milk, 422 F. Her dam has 5y-2X 17,138 3.92% 672 F., she is a big cow, they milk well to the machine.

He is priced at $400, delivered, express prepaid and guaranteed to suit the purchaser.

DOUGLAS HART

WOODSTOCK, ONTARIO

Canada's Leading 100,000-lb. 2X Herd
"Where Better Bulls Are Bred"

WATERLOO HOLSTEIN BREEDERS ASSOCIATION, INC.
"Where Better Bulls Are Used"
Contact sales agent for top quality foundation stock or commercial cattle. 17 years experience.

LORNE BRUBACKER
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BUYER'S AGENTS
If in need of better class Holsteins, contact - - -

WINSTA FARMS
Exporters of High Class Holsteins
H. S. Tufgar C. H. Tufgar
Ancaster Ont., Can.
(Tel. M. I. 838886)

1955 CLASSIFICATION SCHEDULE

DISTRICT	FIELDMAN	STARTING DATE	DEADLINE DATE
N.E. Penna	Nesbitt	Apr. 5	Mar. 5
Western Ohio	Hadley & Nichols	Apr. 5	Mar. 5
Mont.-Idaho-Utah	Blosser	Apr. 5	Mar. 5
Eastern Mich.	Miller	May 3	Apr. 3
N. & S. Dak.	Stewart	May 3	Apr. 3
Mich. Institutions	Miller	June 7	May 7
Conn.-R. I.-N. J.	Crissey	June 7	May 7
Central Penna.	Nesbitt	July 12	June 12
South	Cain	Aug. 9	July 9
Colo.-Wyo.	Blosser	July 12	June 12
Northern Calif.	Strickler	Oct. 4	Sept. 4
Southern Wis.	Brace	Sept. 6	Aug. 6
Ariz.-N. Mex.	Skogman & Strickler	Oct. 25	Sept. 25
Ind.	Miller	Oct. 11	Sept. 11
S. E. Penna.	Nesbitt	Oct. 25	Sept. 25
Iowa	Burgeson	Sept. 6	Aug. 6
Nebr.	Stewart	Oct. 25	Sept. 25
Mo.-Ark.	Skogman	Nov. 8	Oct. 8
Western N. Y.	Brown	Nov. 8	Oct. 8
Maine-N. H.	Crissey	Dec. 6	Nov. 6
Eastern Ohio	Hadley & Nichols	Dec. 6	Nov. 6

38 Classification Districts — 27 District Programs in 1955
36 Weeks Scheduled Program

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Dean T. Skogman, 1020 North Old Manor, Wichita, Kans.
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No Dictionary Needed!

That's one reason why Mark Keeney's COWPHILOSOPHY is still high on the "best seller" list of books for dairymen. It was written for dairymen, by a master dairyman, about successful methods of breeding and managing dairy cattle. First published in 1940 COWPHILOSOPHY is now in the 5th printing of the second (revised) edition of 1944.

COWPHILOSOPHY makes just as much plain cow sense today as it did 14 years ago. That's why we suggest COWPHILOSOPHY for your dairy library. **Price: $3.00 postpaid if remittance accompanies your order.**

HOLSTEIN-FRIESIAN WORLD — LACONA, NEW YORK

SMILES

Overheard at the Opera: "How long has Martini been singing grand opera?"

"Might put it this way," came the reply. "Madame Butterfly was a caterpillar when he started."

* * *

The private was whistling happily as he cleaned out the carrier pigeon cages.

"Well," said a passing officer, "that's the first time we've ever had anyone happy on that job."

"Oh," said the private. "It's not so bad. Before I was transferred here I was in the cavalry."

* * *

A wife speaking to her husband, "Dear, last year we gave mother a chair for her birthday, what should we do this year?"

Replied the husband without looking up from his paper, "Electrify it."

* * *

"What does f-e-e-t spell, Johnny,?" asked the teacher.

Johnny didn't know

"What," went on the teacher, trying to be helpful, "is it that a cow has four of and I have only two."

And if the teacher blushed at Johnny's prompt and enthusiastic answer, she could only blame herself.

* * *

The professor who sent his wife to the bank and kissed his money goodbye was not absent-minded.

* * *

One of the great mysteries of life is how the boy who wasn't good enough to marry the daughter, can be the father of the smartest grandchild in the world.

* * *

Living dangerously has been defined as having the sofa reupholstered while the children are under 12.

* * *

Mary Frissel, our local beauty, is looking for a man who is tall, dark, and has some.

* * *

Ez Tike reports that with money you may not be able to buy friends, but it will get you a better class of enemies.

* * *

Among the footprints in the sands of time some people leave only the marks of a heel.

* * *

Missus Tooliver, a cautious lady, won't let her son have a .22 just about the age when the government's set to give him a howitzer.

Winterthur Inheritance

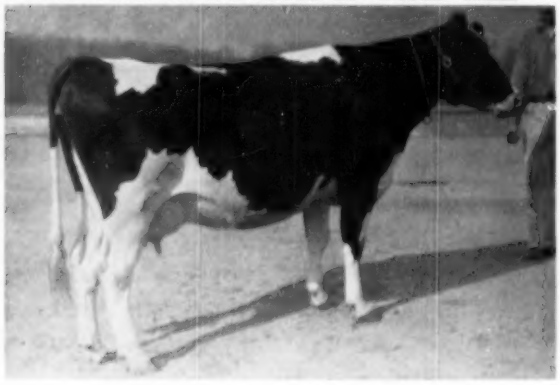
ON APRIL 20 IN THE

HARRINGTON HEIFER CLASSIC

HARRINGTON, DELAWARE

WHEN HOLSTEIN BREEDERS WILL BE GIVEN THE UNUSUAL OPPORTUNITY OF ADDING TO THEIR HOLDINGS, * HOLSTEINS, * "THREADS OF GOLD" FROM THE WINTERTHUR INHERITANCE.

HER YEARLING DAUGHTER BY "EXCEL" SELLS



WINTERTHUR FLASH ALPHA HUSOGI
AR 2X 2y1m 14,416.4 M 3.8% 549.5 F
Her dam 552 F 2X 2y 3.9%. Selling her yearling daughter Wint. Excel Flash Jusogi, born Feb. 4, 1954, a very classy heifer, dark in color, selling open. Her sire, Winterthur Alert Select Excel, son of "Alert."

THIS "EDEN" SON SELLS—HIS DAM A "ZEUS" DAUGHTER

WINTERTHUR EDEN ZEUS JAUNTY
Born May 15, 1954
His sire, Winterthur Victor Winner Eden whose 15 nearest dams ave. 860 M. 3.9%, 21,889 M. His dam, the "Zeus" daughter, Winterthur Zeus Fobes Dril.

2X	2y	343d	15078	4.0%	603
2X	**3y**		**17180**	**3.8%**	**646**
2X	4½y		18533	3.8%	702
2X	6y	(287d)	17245	3.9%	665

PABST WINTERTHUR ZEUS (EX-GM)
Son of Wisconsin Admiral Burke Lad from a twice 900-lb. dau. of Wint. Bess. Ormsby Great. On 16 prs. raised 638-lb. dams to 657 F.

ALSO SELLING — Winterthur Zeus Alert Hitoria, member of the famous Oria family, a "Zeus" daughter, her dam 2½y 354d 462F 12,752M 2X. Due June 21 to Clarkdale Gloria Transmitter (pictured below).

← A daughter and Grandson sell

Service Sire on Heifer Selling →

CLARKDALE GLORIA TRANSMITTER
His 1103-lb. dam a dau. of Wint. Fobes Posch Victor.
12 daus. 2y3m 349d 2X 13869 3.8% 522 F
Actual records.

Winterthur Farms WINTERTHUR, DELAWARE

23rd year on 2X . . . Acc. & Neg . . . 1751 A R Records in 36 years continuous testing

A WISCONSIN CHAMPION ROAMER DAUGHTER

PABST ROBUR JUDITH
2½ years 365d 3X 22661 m. 3.9% 884.3 f.
(Carried calf 197 days)
Wisconsin State Record—4th in U. S.
Classified "Very Good" at 2 years

Pabst Robur Judith was also on the show circuit during this record, placing Fourth, as a 3-year-old at Minnesota and a member of Roamer's First Prize "Get" at the same show.

The dam of this heifer is Pabst Burke Judith, a "Very Good" daughter of Burke. She demonstrates the wearing qualities of the Burkes. Officially, she produced 119,529 lbs. of milk and in addition she made 16,013 lbs. of milk in 307 days 2X not on A.R. or a total of 135,542 lbs.

On our recent herd reclassification this Burke daughter was rated "Excellent" on Mammary System at 11 years 4 months of age.

She is a very good brood cow as well, having two other daughters with 768 and 737 lbs. of fat, respectively.

OTHER RECORDS FINISHED RECENTLY IN OUR TEST BARN

Pabst Roamer Walker (A daughter of Pabst Roamer)
8y 27,156 milk 3.6% 989.6 fat 3X 365d (SA)

Pabst Roamer Finella (A daughter of Pabst Roamer)
2y 23,748 milk 3.6% 850.3 fat 3X 365d (SA)

Pabst Walker Ronettie (A daughter of Pabst Roamer Dean Walker Lad)
2½y 22,655 milk 3.6% 805.4 fat 3X 365d (SA)

Pabst Win Rebright (A daughter of Pabst Win)
2y 18,592 milk 4.0% 744.1 fat 3X 365d (SA)

Pabst Fobes Burke Wayne (A daughter of Pabst Sir Regal Fobes)
2y 17,497 milk 4.0% 707.6 fat 3X 365d (SA)

Pabst Walker Re Josephine
(A daughter of Pabst Roamer Dean Walker Lad)
2y 17,683 milk 3.9% 691.2 fat 3X 365d (SA)

Burke-bred bull calves available as well as semen from our herd sires. Write for pedigrees and terms.

PABST FARMS, INC. Acc. & Neg. **Oconomowoc, Wis.**